

# EMPLOYMENT AND EARNINGS

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Joseph M. Finerty, Editor  
Gloria P. Green, Associate Editor  
James A. McCall, Associate Editor

## CONTENTS

	Page
List of statistical tables .....	2
Employment and unemployment developments, October 1974 .....	4
Charts .....	6
Statistical tables:	
Monthly household data .....	17
Monthly establishment data .....	49
Monthly unemployment insurance data .....	118
Explanatory notes .....	121

<b>CALENDAR OF FEATURES</b>											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans											
Poverty-nonpoverty area data	x			x			x			x	
<b>Establishment data</b>											
<b>National annual averages:</b>											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x			x
National data adjusted to new benchmarks										(1)	
Revised seasonally adjusted series						(2)					
State and area annual averages					x						
Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1972 issue marks the introduction of March 1971 benchmarks.

<sup>2</sup> Revised data introduced in June 1973.

# MONTHLY HOUSEHOLD DATA

Page

## Employment Status

A- 1: Employment status of the noninstitutional population, 1929 to date	17
A- 2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date	18
A- 3: Employment status of the noninstitutional population by sex, age, and color	19
A- 4: Labor force by sex, age, and color	21
A- 5: Employment status of the noninstitutional population by sex, age, and color	23
A- 6: Employment status of the noninstitutional population 16-21 years of age by color and sex	23
A- 7: Full- and part-time status of the civilian labor force by color, sex, and age	24

## Characteristics of the Unemployed

A- 8: Unemployed persons by sex and age	25
A- 9: Unemployed persons by marital status, sex, age, and color	25
A-10: Unemployed persons by occupation of last job and sex	26
A-11: Unemployed persons by industry of last job and sex	26
A-12: Unemployed persons by reason for unemployment, sex and age, and color	27
A-13: Unemployed persons by reason for unemployment, duration, sex, and age	27
A-14: Unemployed jobseekers by the jobsearch methods used, sex, age, and color	28
A-15: Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment	28
A-16: Unemployed persons by duration of unemployment	29
A-17: Unemployed persons by duration, sex, age, color, and marital status	29
A-18: Unemployed persons by duration, occupation, and industry of last job	30

## Characteristics of the Employed

A-19: Employed persons by sex and age	30
A-20: Employed persons by occupational group, sex, and age	31
A-21: Employed persons by major occupational group, sex, and color	32
A-22: Employed persons by class of worker, age, and sex	33
A-23: Employed persons with a job but not at work by reason, pay status, and sex	34
A-24: Persons at work by type of industry and hours of work	34
A-25: Persons at work 1-34 hours by usual status and reason working less than 35 hours	35
A-26: Nonagricultural workers by industry and full- or part-time status	35
A-27: Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status	36
A-28: Persons at work in nonfarm occupations by full- or part-time status and sex	38

## Characteristics of 14 and 15 Year-olds

A-29: Employment status of 14-15 year-olds by sex and color	40
A-30: Employed 14-15 year-olds by sex, class of worker, and major occupational group	40

## Seasonally Adjusted Employment and Unemployment Data

A-31: Employment status of the noninstitutional population by sex and age, seasonally adjusted	41
A-32: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted	41
A-33: Employment status by color, sex, and age, seasonally adjusted	42
A-34: Major unemployment indicators, seasonally adjusted	43
A-35: Unemployed persons by duration of unemployment, seasonally adjusted	43
A-36: Rates of unemployment by sex and age, seasonally adjusted	44
A-37: Unemployed persons by reason for unemployment, seasonally adjusted	44
A-38: Employed persons by sex and age, seasonally adjusted	45
A-39: Employed persons by selected social and economic categories, seasonally adjusted	46

## Characteristics of Vietnam-Era Veterans and Nonveterans

A-40: Employment status of male Vietnam-era veterans and nonveterans 20 to 34 years of age	47
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# MONTHLY ESTABLISHMENT DATA

	<i>Page</i>
<b>Employment—National</b>	
B- 1: Employees on nonagricultural payrolls, by industry division, 1919 to date . . . . .	49
B- 2: Employees on nonagricultural payrolls, by industry . . . . .	50
B- 3: Women employees on nonagricultural payrolls, by industry <sup>1</sup> . . . . .	58
B- 4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted . . . . .	65
B- 5: Employees on nonagricultural payrolls, by industry, seasonally adjusted . . . . .	66
B- 6: Production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	67
<b>Employment—State and Area</b>	
B- 7: Employees on nonagricultural payrolls for States and selected areas, by industry division . . . . .	68
<b>Hours and Earnings—National</b>	
C- 1: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, 1955 to date . . . . .	79
C- 2: Gross hours and earnings of production or nonsupervisory workers on private nonagricultural payrolls, by industry . . . . .	80
C- 3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government . . . . .	92
C- 4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry . . . . .	92
C- 5: Gross and spendable average weekly earnings of production or nonsupervisory workers on private nonagricultural payrolls, in current and 1967 dollars . . . . .	93
C- 6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers on private nonagricultural payrolls . . . . .	94
C- 7: Average weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	96
C- 8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers on private nonagricultural payrolls, seasonally adjusted . . . . .	97
C- 9: Man-hours of wage and salary workers in nonagricultural establishments . . . . .	97
C-10: Indexes of output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted . . . . .	98
C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted, at annual rate . . . . .	99
C-12: Indexes of average hourly earnings, private nonfarm economy, adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date . . . . .	100
C-13: Four-quarter changes in compensation, seasonally adjusted . . . . .	101
C-14: Quarter-to-quarter changes in compensation, seasonally adjusted . . . . .	101
C-15: Twelve-month changes in compensation, seasonally adjusted . . . . .	102
C-16: Six-month changes in compensation, seasonally adjusted . . . . .	102
C-17: Average hourly or weekly compensation, seasonally adjusted . . . . .	103
<b>Hours and Earnings—State and Area</b>	
C-18: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas . . . . .	104
<b>Labor Turnover—National</b>	
D- 1: Labor turnover rates in manufacturing, 1963 to date . . . . .	109
D- 2: Labor turnover rates, by industry . . . . .	110
D- 3: Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted . . . . .	114
<b>Labor Turnover—State and Area</b>	
D- 4: Labor turnover rates in manufacturing for selected States and areas . . . . .	115
<b>MONTHLY UNEMPLOYMENT INSURANCE DATA</b>	
E- 1: Insured unemployment under State programs . . . . .	118
E- 2: Insured unemployment in 150 major labor areas . . . . .	119

<sup>1</sup> Included in February, May, August, and November issues.

# Employment and Unemployment Developments, October 1974

The Nation's unemployment rate reached 6 percent in October, its highest level in nearly 3 years. This represented an increase of 1.4 percentage points since last October's 3½-year low.

Total employment (as measured by the monthly sample survey of households) was unchanged in October at 86.5 million. Employment has risen 850,000 over the past year, about a quarter of the gain posted during the preceding year.

Nonfarm payroll employment (as measured by the monthly survey of business establishments), at 77.4 million in October, was little changed from the revised September level. However, nonfarm payroll employment was up by 340,000 since June. The number of payroll jobs has risen by 1.1 million since last October, a much slower pace than in the prior year.

## Unemployment

The number of persons unemployed rose by 200,000 in October to a total of 5.5 million (seasonally adjusted). About half of this increase occurred among persons who had lost their last job. Over the past year, the jobless total has risen by 1.3 million persons, almost three-fifths of whom were job losers.

With the increase in joblessness, the Nation's unemployment rate rose from 5.8 percent in September to 6.0 percent. After declining to 4.6 percent last October, the jobless rate has moved upward in spurts, first to the 5.2-percent level that held from the energy-crisis period last winter through mid-summer and then more rapidly over the last 2 months, when it jumped from 5.4 percent to the present level.

Much of the October increase took place among prime-aged males (those 25-54 years of age), as the unemployment rate for all adult men (20 and over) rose from 3.9 to 4.3 percent. In contrast, the rates for adult women (5.6 percent) and teenagers (16.9 percent), which had risen sharply in September, were both about unchanged. Over the past year, each of these groups experienced substantial jobless increases. Adult men were hit particularly hard, as their rate moved from 3.0 to 4.3 percent.

Black workers (Negro and other races) accounted for a large part of the October rise in unemployment, as their jobless rate rose from 9.8 to 10.9 percent. The unemployment rate for white workers, on the other hand, was about unchanged in October at 5.4 percent.

Among the other major labor force groups, the unemployment rate for household heads rose from 3.4 to 3.7 percent in October, and the jobless rate for married males edged up to 2.9 percent. The unemployment rate for full-time workers rose from 5.3 to 5.6 percent. The jobless rate for workers covered by State unemployment insurance programs increased to 3.6 percent in October after remaining around 3.4 percent through most of the year. All of these groups have posted large increases over the past year.

Among the major occupational and industry groups, sizeable upswings in unemployment were registered among blue-collar workers, particularly operatives, and manufacturing workers, especially those in durable goods industries. These developments reflect to some degree the weakness in the automobile and related industries. The rate for factory workers, at 6.2 percent in October, was up from a 3½-year low of 3.9 percent registered a year earlier.

The unemployment rate for Vietnam-era veterans 20-34 years old, at 5.6 percent in October, was about unchanged from the previous month, remaining below the jobless rate of their nonveteran counterparts (6.4 percent). However, the most recently discharged veterans (those 20 to 24 years old) continued to experience higher unemployment than their nonveteran counterparts. The jobless rate for young veterans was 11.7 percent, compared with 8.2 percent for young nonveterans. Jobless rates for most of the veteran and nonveteran groups were above their year-ago levels.

## Civilian labor force and total employment

The civilian labor force and total employment, at 92.0 and 86.5 million respectively, were both about unchanged in October following sizeable increases in September. Since October 1973, the civilian labor force has risen by 2.1 million. Adult females made up

1.0 million of this increase, with adult males and teenagers accounting for 820,000 and 290,000, respectively.

The bulk of the year-to-year net growth in the labor force stemmed from increased unemployment. The over-the-year employment gain of 850,000 compares with an increase of 3.3 million over the previous year. Over half of the October 1973-October 1974 employment rise took place among persons working part time for economic reasons.

### **Industry payroll employment**

Nonagricultural payroll employment remained essentially unchanged in October at an alltime high of 77.4 million, seasonally adjusted. This followed gains in the 2 previous months (based on upward revisions) of 360,000. The stability in the October total masked offsetting movements in the goods- and service-producing sectors, however, as a decline of 110,000 jobs in the goods industries was balanced by a continued increase in the service-producing industries. Over the past 6 months, service-producing employment has grown by 785,000, while goods-producing jobs have fallen by 290,000.

In the goods-producing sector, manufacturing employment fell 85,000 from September, with most of the job loss coming from widespread declines in the nondurable goods industries. In addition, the number of contract construction jobs was down by 30,000 in October; this industry has experienced employment cutbacks totaling 250,000 since February's peak level. The October job gain in the service-producing sector (140,000) followed a revised increase of 250,000 in the previous month.

### **Hours of work**

The average workweek for production or nonsupervisory workers on private nonagricultural payrolls edged

down 0.1 hour in October to a seasonally adjusted level of 36.6 hours. Weekly hours have drifted down 0.4 hour over the past year.

Manufacturing hours also fell 0.1 hour in October to 40.0 hours. Factory overtime declined for the second straight month—to 3.0 hours—with the August-October drop totaling 0.4 hour. Since October 1973, the factory workweek and overtime hours have been reduced by 0.6 and 0.8 hour, respectively.

### **Hourly and weekly earnings**

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls rose 0.9 percent (seasonally adjusted) in October. Since October 1973, hourly earnings have advanced 8.8 percent. Average weekly earnings advanced 0.7 percent over the month and 7.6 percent since October a year ago, with four-fifths of the increase occurring since April.

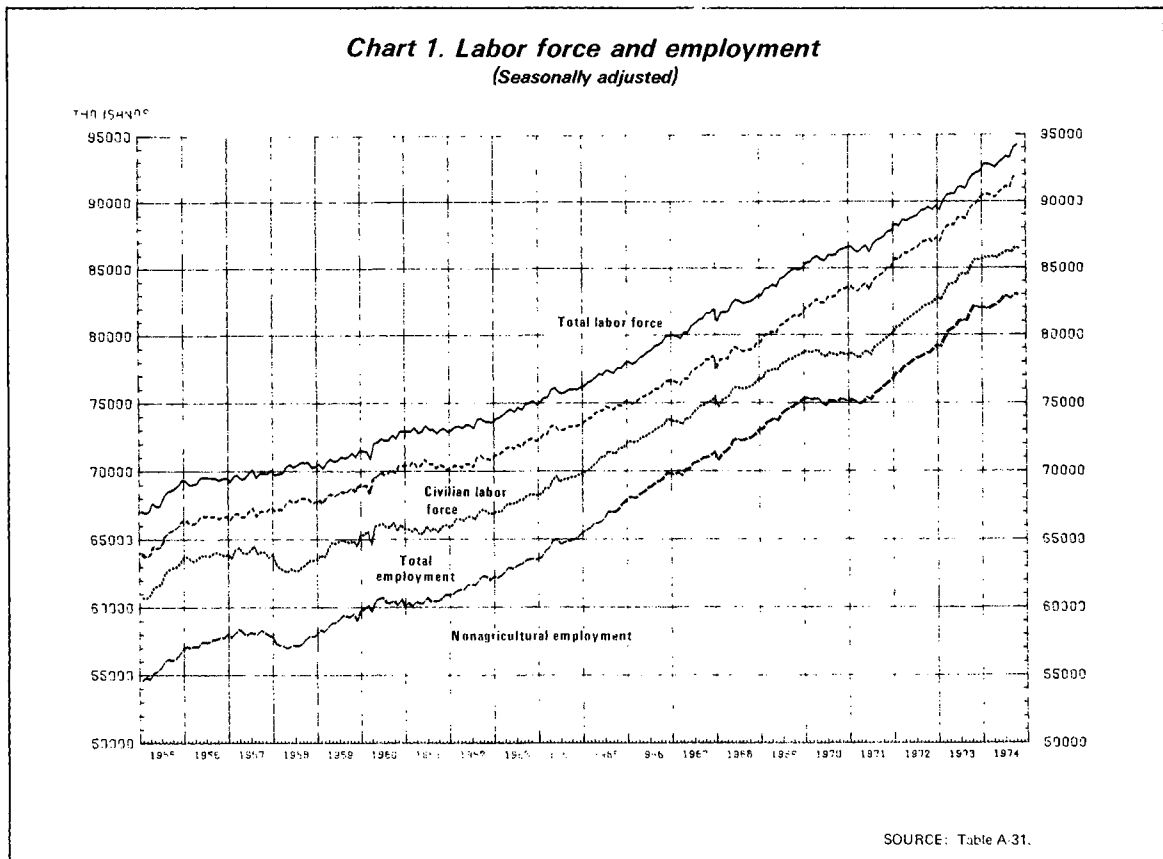
Before adjustment for seasonality, average hourly earnings rose 2 cents in October to \$4.34. Since October 1973, hourly earnings have advanced by 35 cents. Weekly earnings averaged \$158.84 in October, down 14 cents from September but up \$11.21 over October of last year.

### **The hourly earnings index**

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 163.3 (1967=100) in October, 0.7 percent higher than in September. The Index was 9.2 percent above October a year ago. During the 12-month period ended in September, the Hourly Earnings Index in dollars of constant purchasing power declined 2.9 percent.

# CHARTS

		<i>Page</i>
1.	Labor force and employment, 1955-74 .....	6
2.	Major unemployment indicators, 1955-74 .....	7
3.	Payroll employment in goods - and service-producing industries, 1955-74 .....	7
4.	Nonagricultural payroll employment by industry, 1955-74 .....	8
5.	Total employment by age and sex, 1955-74 .....	9
6.	Persons at work full and part time in nonagricultural industries, 1955-74 .....	10
7.	Employment in nonfarm occupations, 1958-74 .....	11
8.	Duration of unemployment, 1955-74 .....	12
9.	Unemployment rates by age and sex, 1955-74 .....	13
10.	Unemployment rates by color, 1955-74 .....	13
11.	Unemployment rates by major occupational groups, 1958-74 .....	14
12.	Average weekly hours in nonagricultural industries, 1955-74 .....	15
13.	Labor turnover rates in manufacturing, 1955-74 .....	15
14.	Average weekly earnings in nonagricultural industries, 1955-74 .....	16
15.	Total private gross and spendable weekly earnings, 1955-74 .....	16

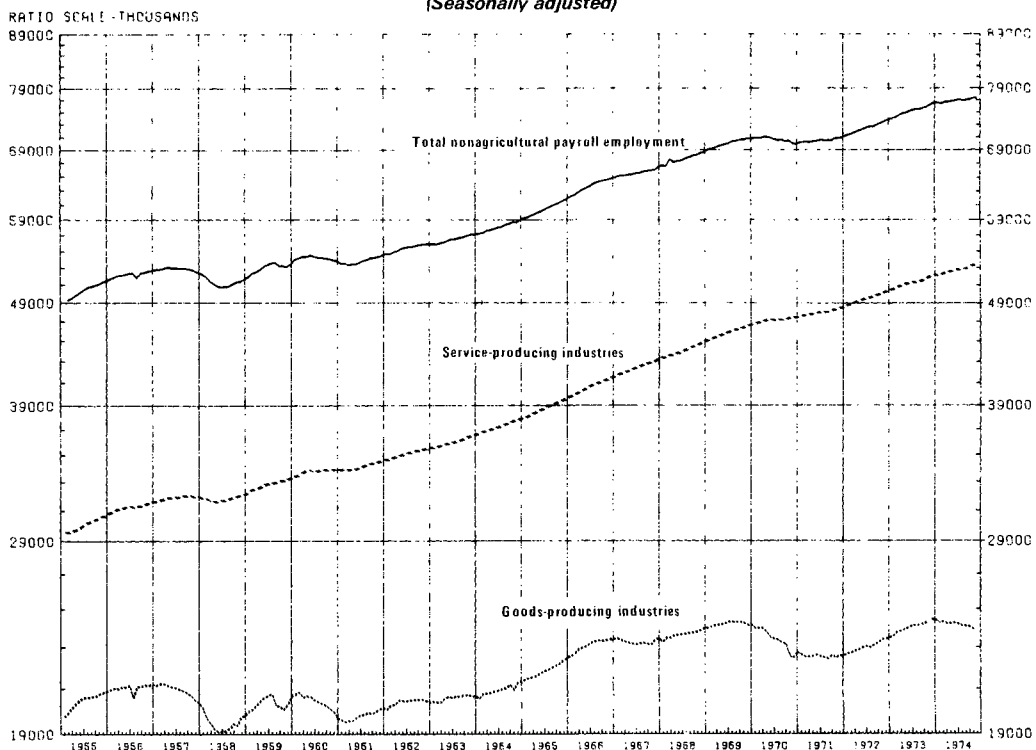


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-35.

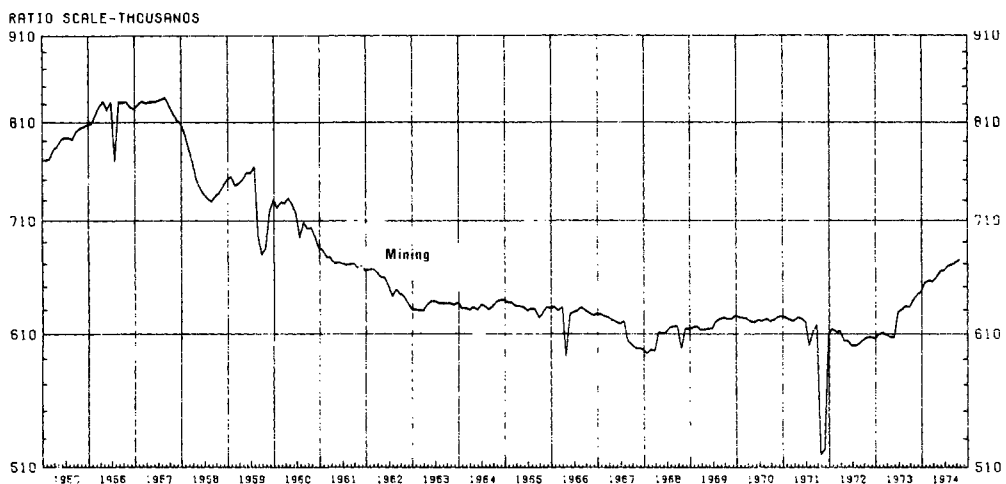
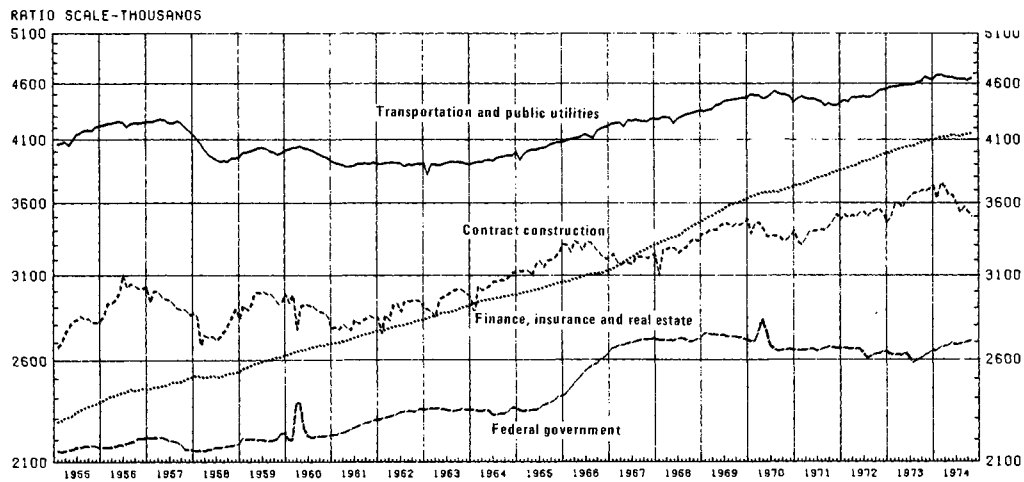
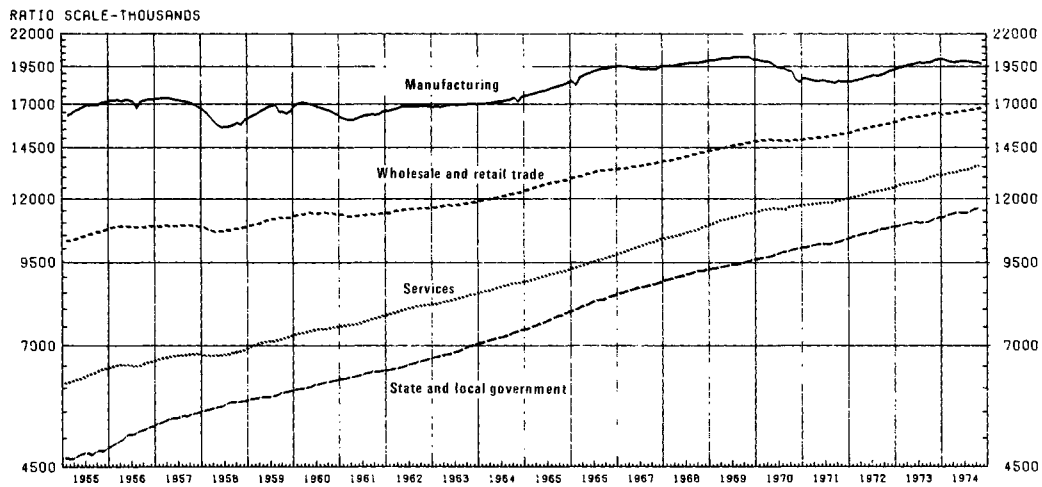
**Chart 3. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B 5.

**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)

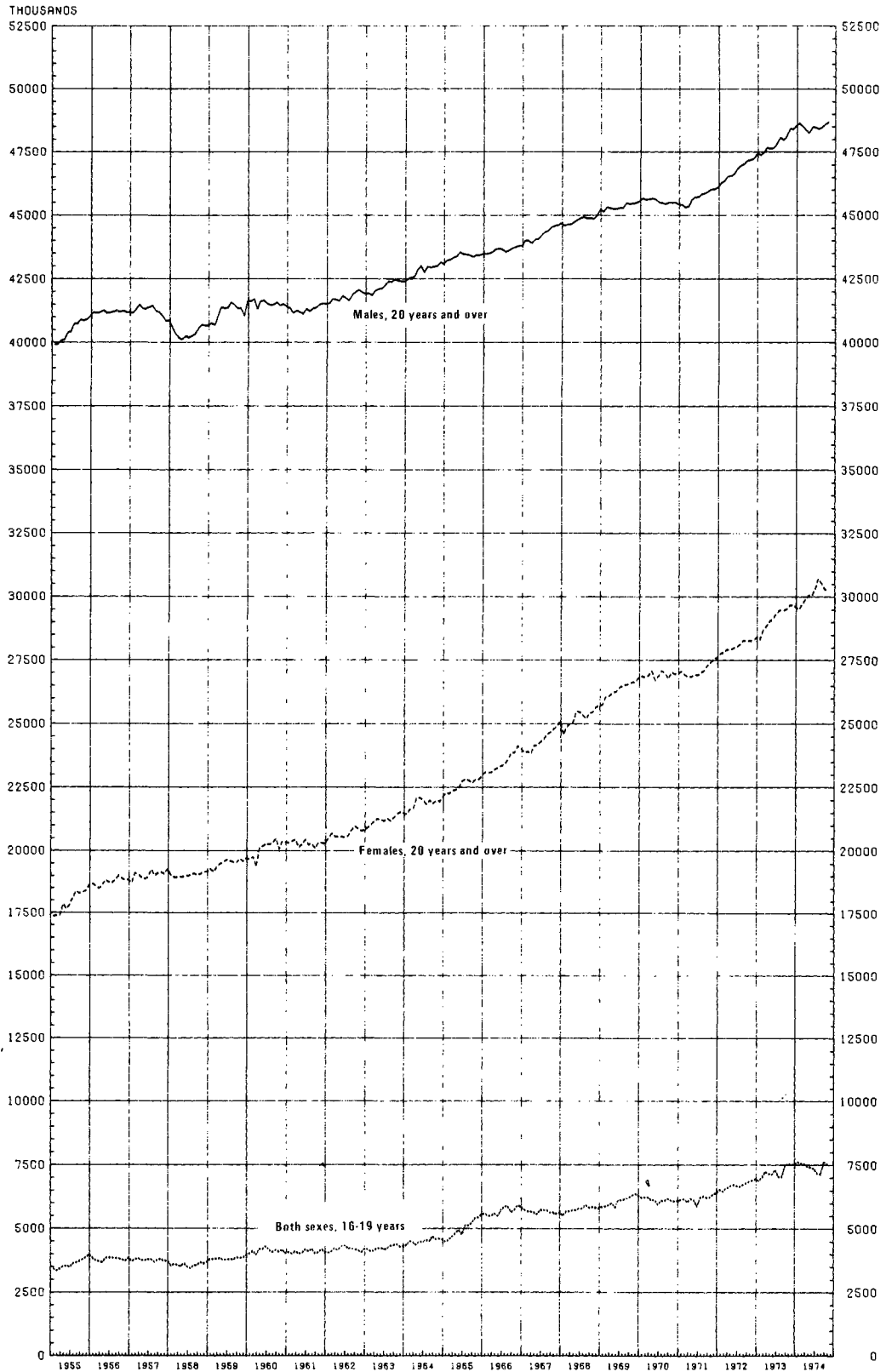


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B.5.

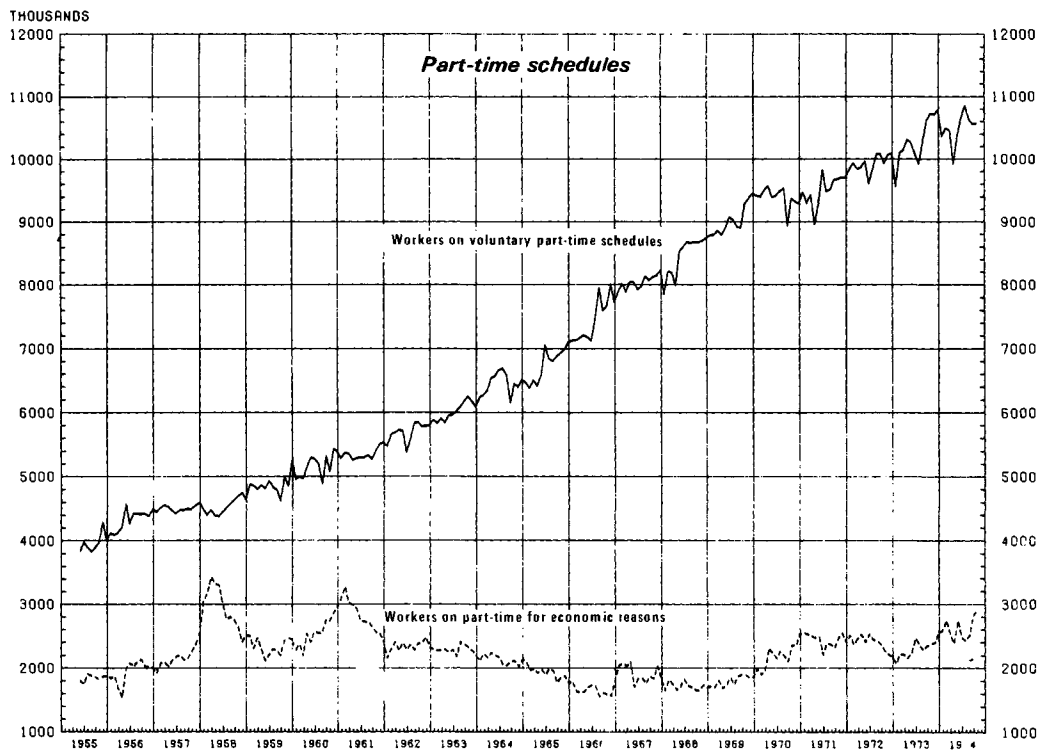
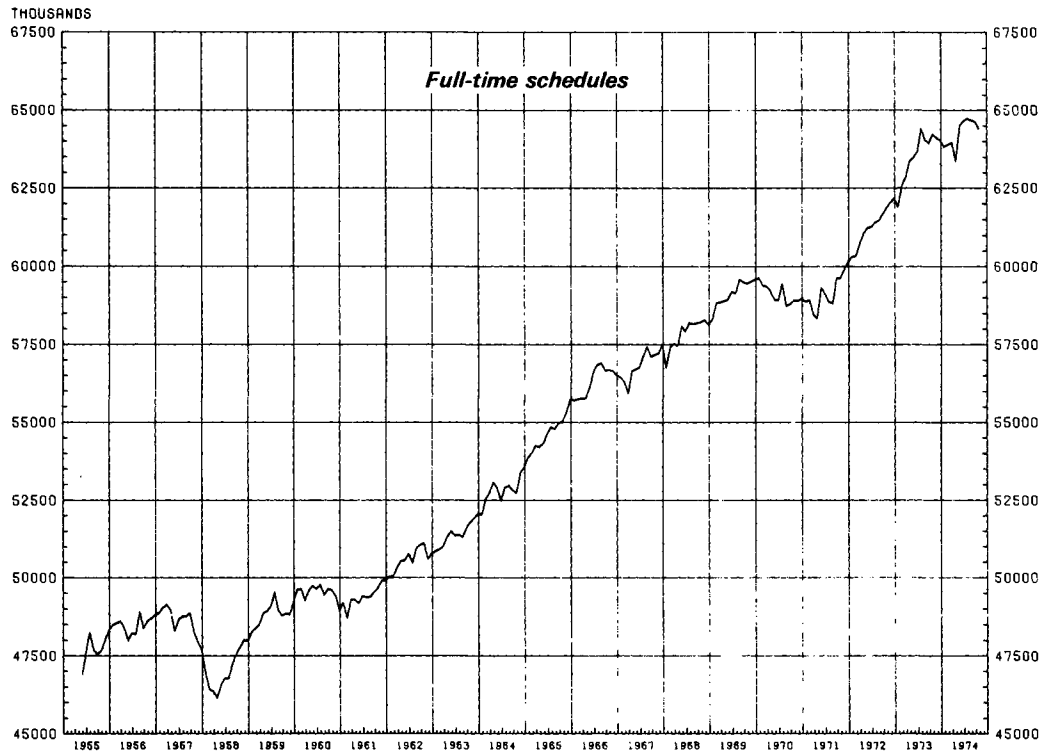


**Chart 5. Total employment by age and sex**  
*(Seasonally adjusted)*



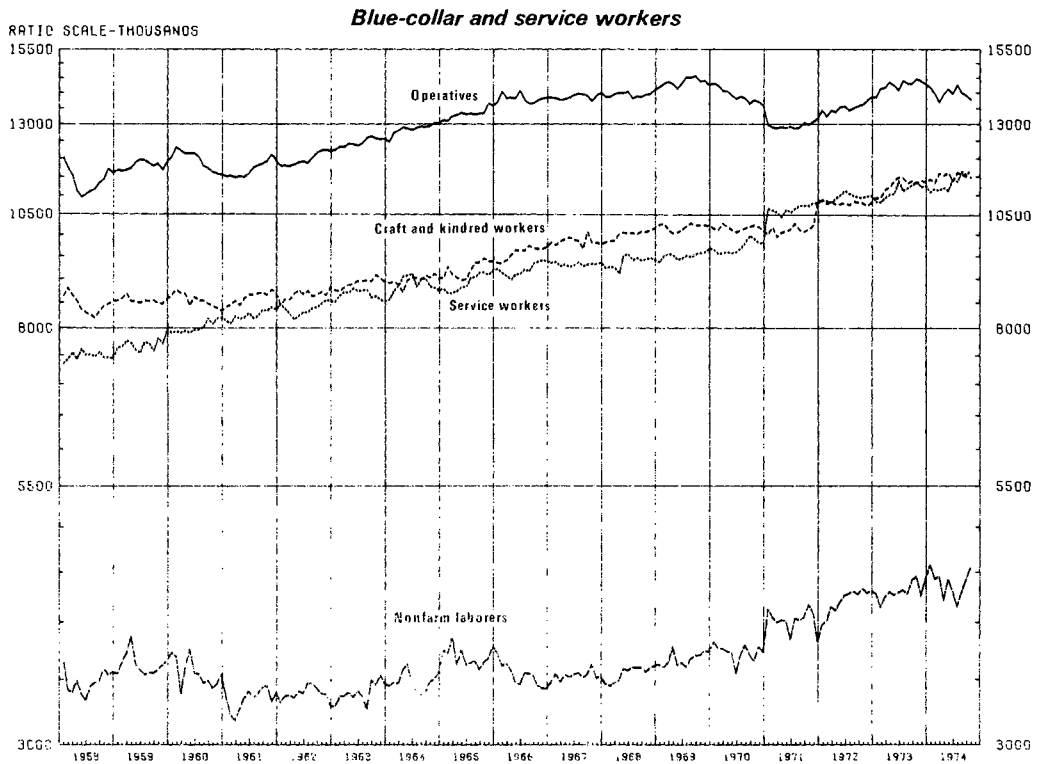
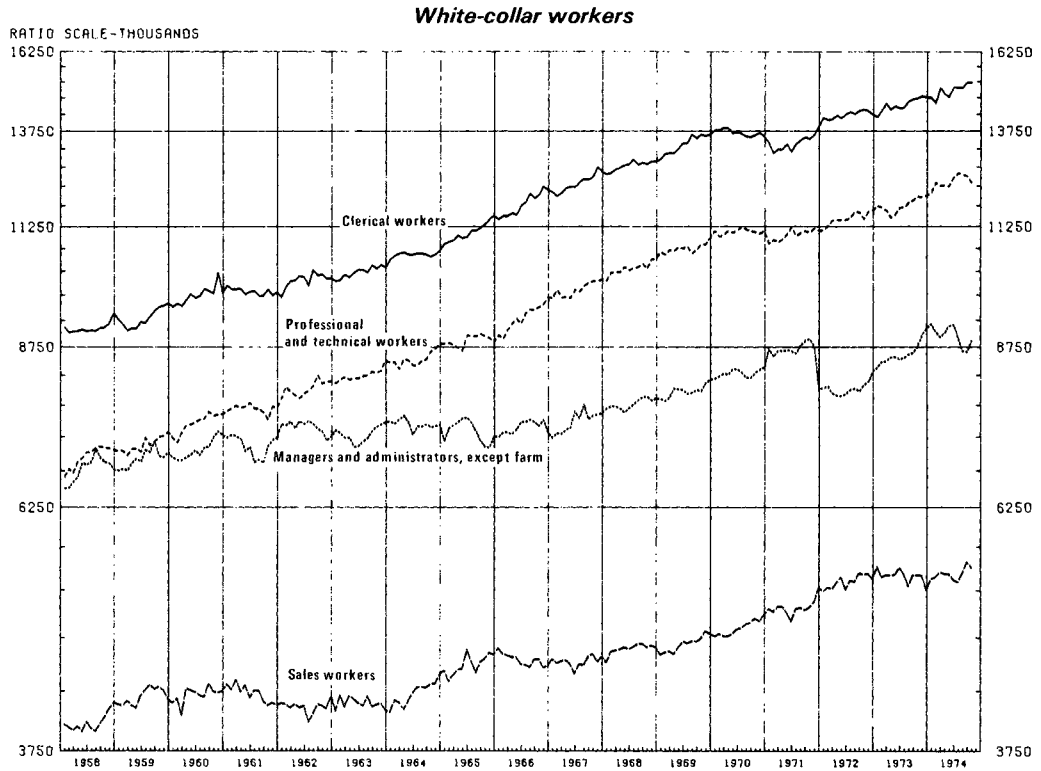
SOURCE: Table A-31.

**Chart 6. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-31.

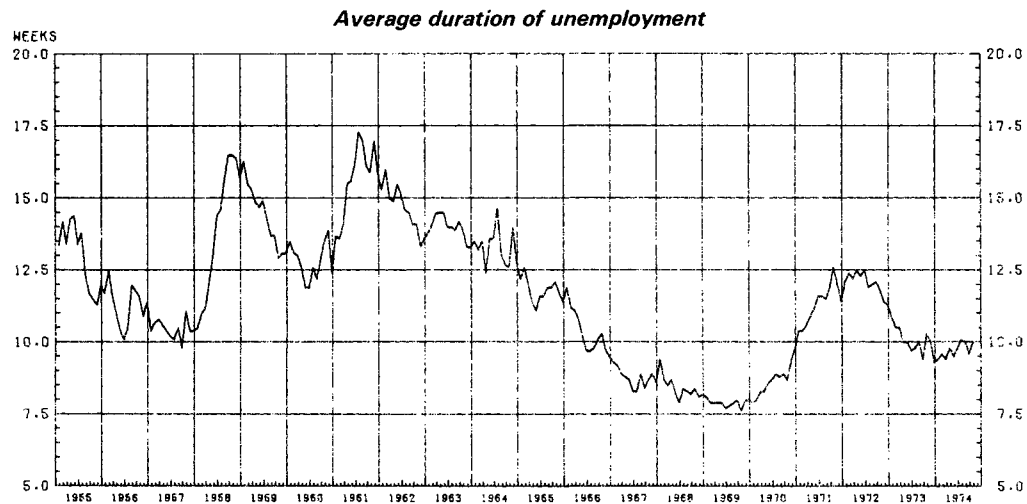
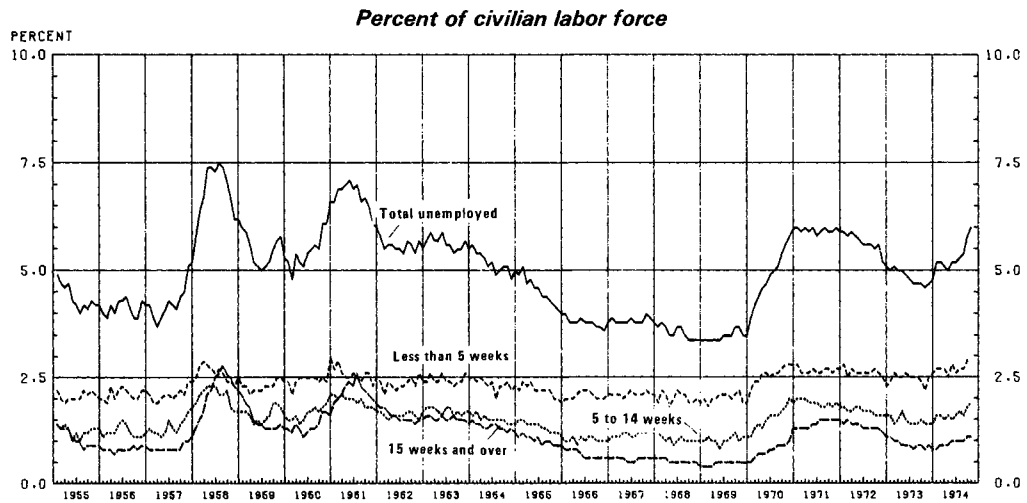
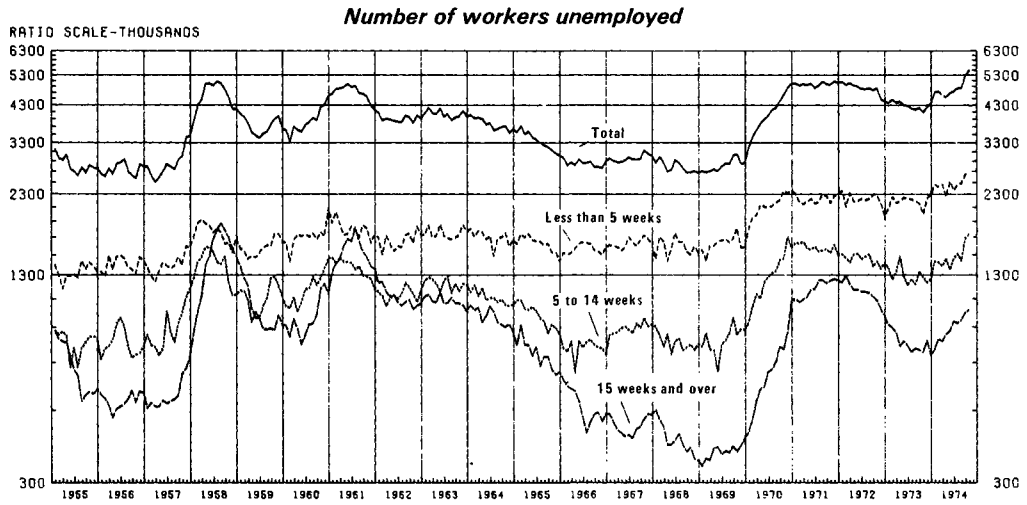
**Chart 7. Employment in nonfarm occupations**  
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

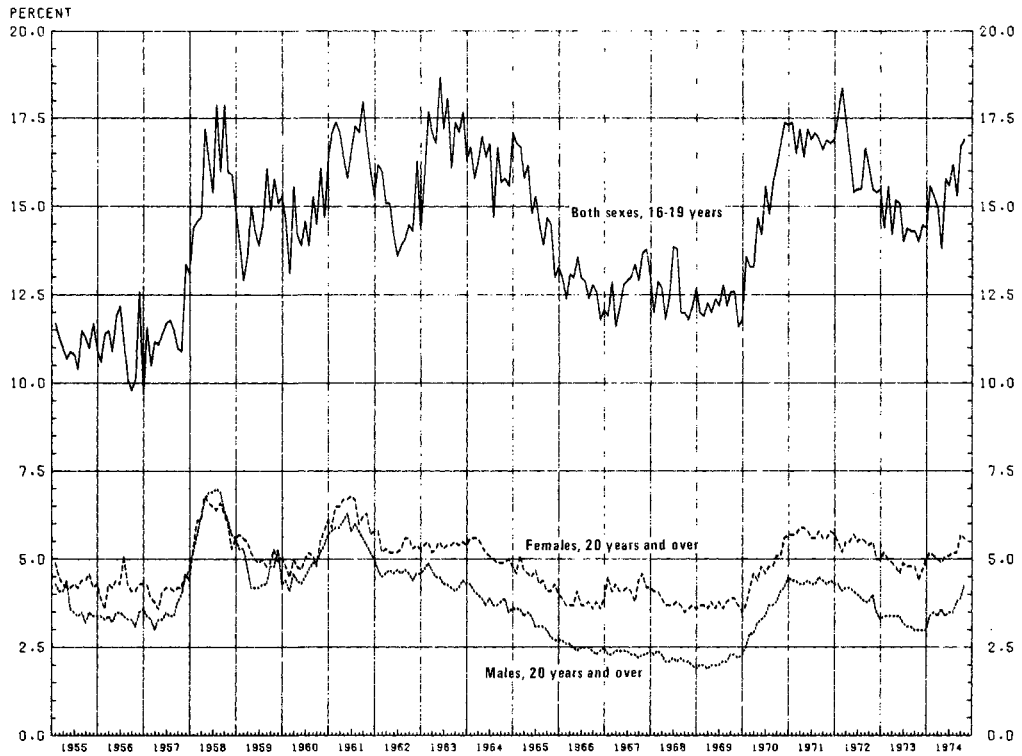
SOURCE: Table A-39.

**Chart 8. Duration of unemployment**  
(Seasonally adjusted)



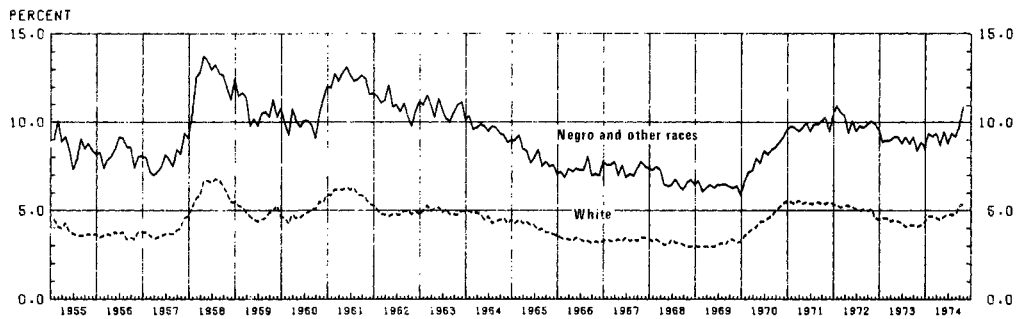
SOURCE: Table A-34.

**Chart 9. Unemployment rates by age and sex**  
(Seasonally adjusted)

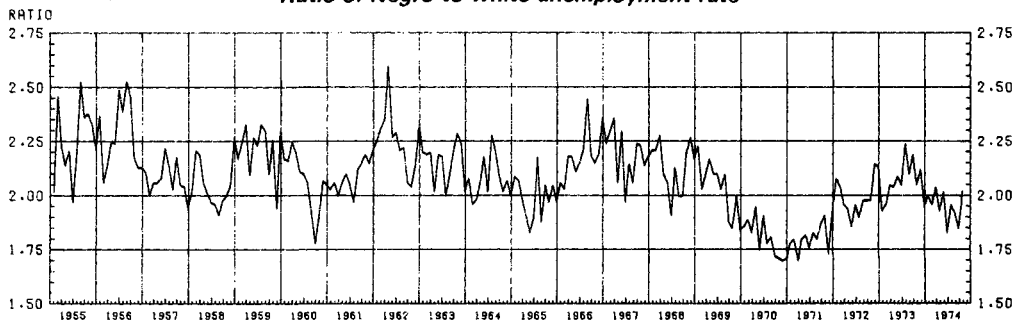


SOURCE: Table A-35.

**Chart 10. Unemployment rates by color**  
(Seasonally adjusted)

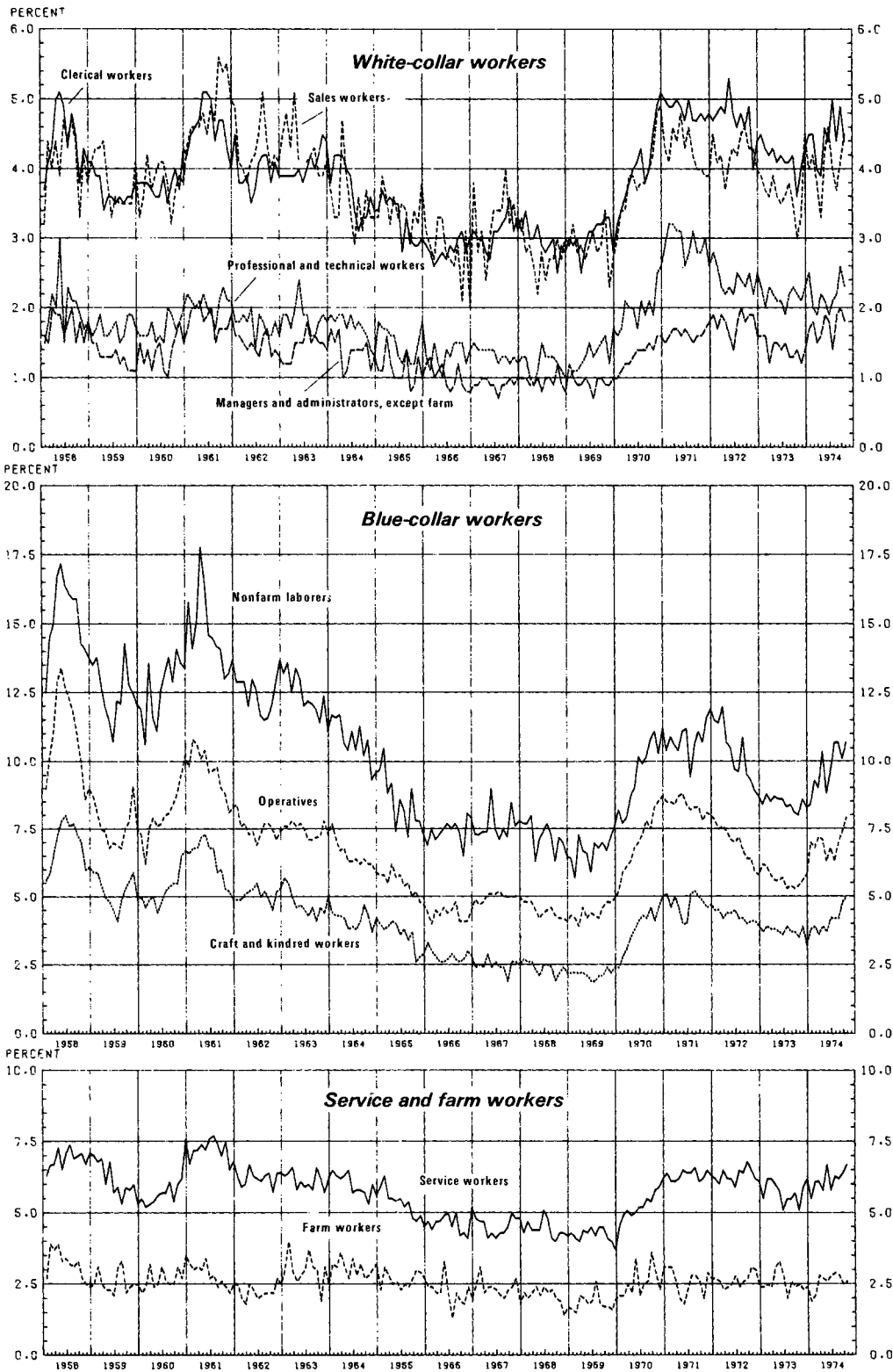


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

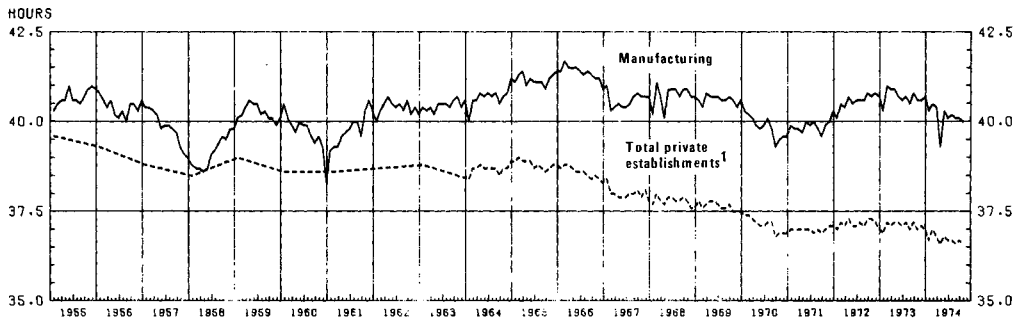
**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



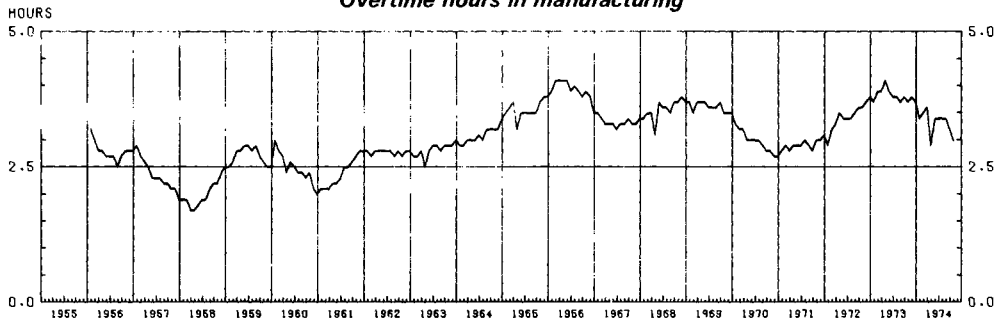
SOURCE: Table A-35.

**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



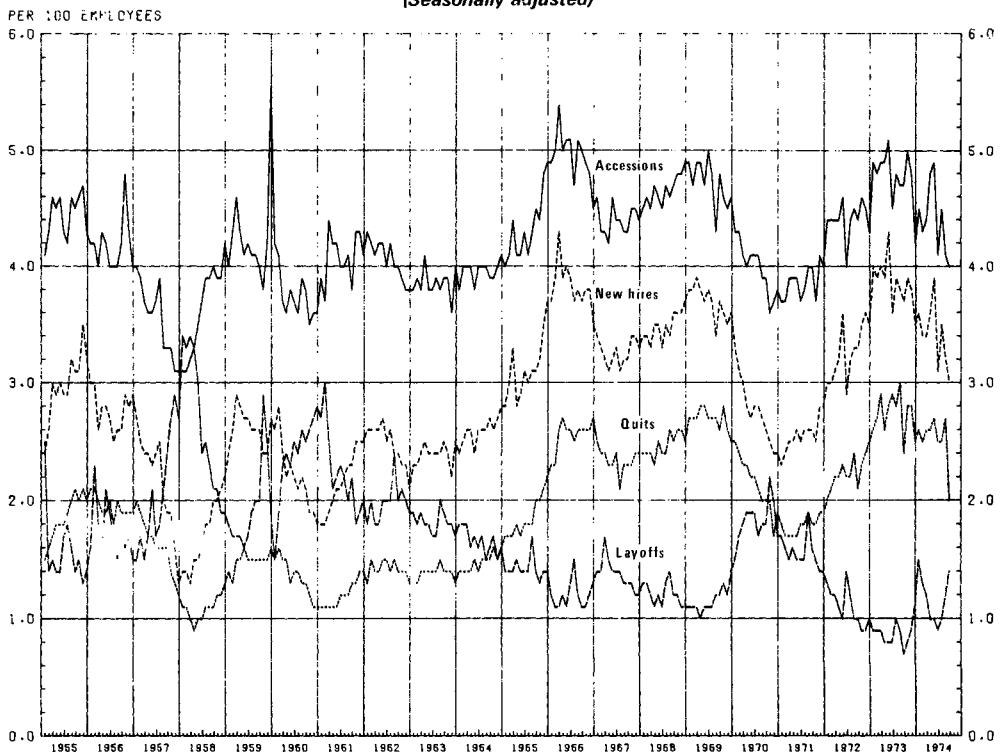
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 13. Labor turnover rates in manufacturing**

*(Seasonally adjusted)*

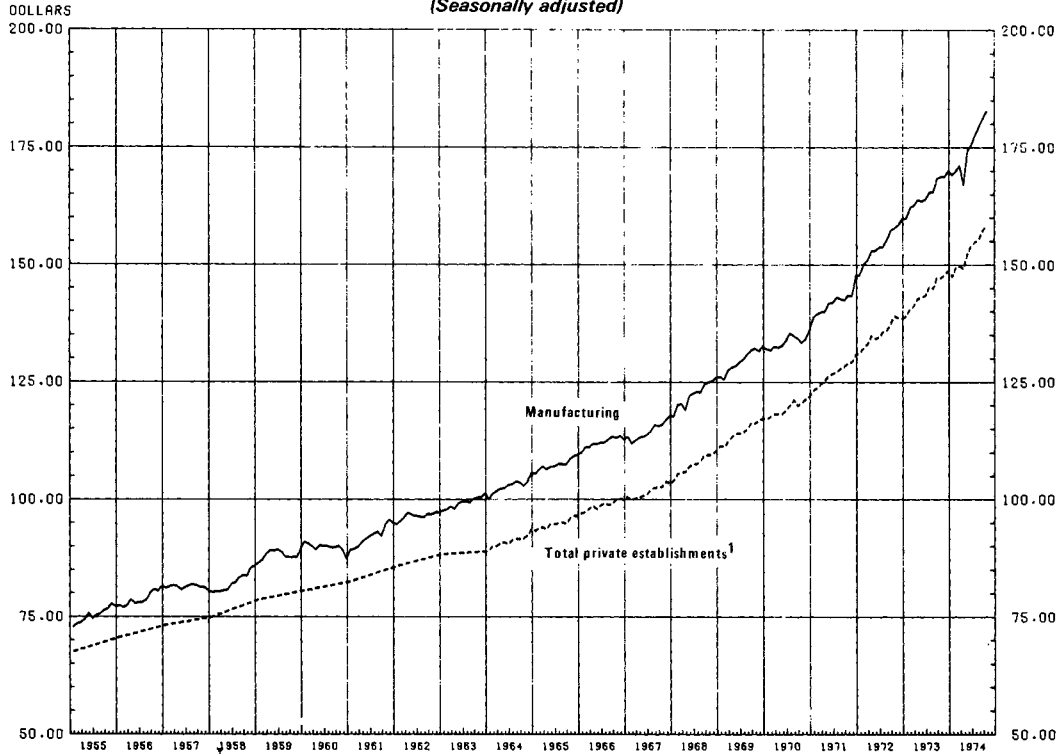


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

**Chart 14. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*



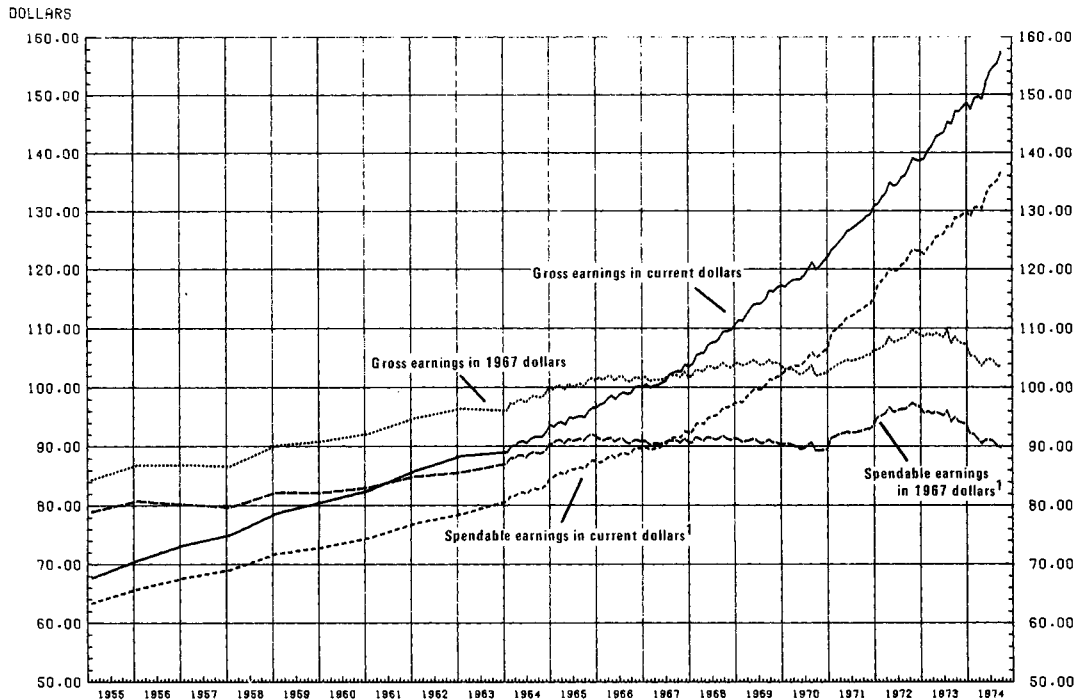
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7 and C-17.

**Chart 15. Total private gross and spendable weekly earnings**

*(Seasonally adjusted)*



<sup>1</sup> Worker with three dependents.

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-17.







## A-3. Employment status of the noninstitutional population by sex, age, and color

[Numbers in thousands]

Sex, age, and color	October 1974										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over .....	57,457	79.1	55,318	52,796	2,521	4.6	15,166	292	4,405	1,831	8,637
16 to 21 years .....	8,201	66.5	7,408	6,413	995	13.4	4,136	22	3,731	49	333
16 to 19 years .....	4,965	59.5	4,600	3,898	701	15.2	3,378	15	3,087	24	251
16 to 17 years .....	2,029	47.9	1,987	1,653	333	16.8	2,207	9	2,087	9	104
18 to 19 years .....	2,936	71.5	2,613	2,245	368	14.1	1,171	7	1,001	16	147
20 to 64 years .....	50,439	90.7	48,666	46,920	1,746	3.6	5,195	122	1,318	1,276	2,479
20 to 24 years .....	8,085	86.4	7,254	6,675	579	8.0	1,273	16	1,614	53	190
25 to 54 years .....	35,320	95.1	34,380	33,364	1,014	2.9	1,833	68	297	670	797
25 to 29 years .....	7,695	95.5	7,332	6,999	333	4.5	365	11	195	48	111
30 to 34 years .....	6,481	97.1	6,242	6,050	192	3.1	193	15	44	50	53
35 to 39 years .....	5,372	96.7	5,167	5,013	155	3.0	181	7	32	62	80
40 to 44 years .....	5,263	95.9	5,169	5,063	106	2.1	224	11	15	98	100
45 to 49 years .....	5,363	94.4	5,334	5,231	103	1.9	316	9	7	153	149
50 to 54 years .....	5,145	90.3	5,135	5,009	126	2.5	552	16	4	259	274
55 to 64 years .....	7,035	77.1	7,033	6,880	153	2.2	2,089	38	7	552	1,491
55 to 59 years .....	4,174	85.5	4,172	4,085	88	2.1	707	6	7	258	436
60 to 64 years .....	2,861	67.4	2,861	2,795	65	2.3	1,382	32	--	294	1,055
65 years and over .....	2,052	23.7	2,052	1,978	74	3.6	6,593	155	--	531	5,908
65 to 69 years .....	1,136	33.2	1,136	1,098	38	3.3	2,282	54	--	183	2,045
70 years and over .....	916	17.5	916	879	36	4.0	4,312	101	--	348	3,863
<b>White</b>											
16 years and over .....	51,410	79.8	49,607	47,591	2,016	4.1	13,038	234	3,631	1,473	7,699
16 to 21 years .....	7,205	68.0	6,553	5,779	774	11.8	3,397	19	3,072	45	260
16 to 19 years .....	4,385	61.4	4,085	3,543	542	13.3	2,757	12	2,517	21	208
16 to 17 years .....	1,831	50.7	1,795	1,523	272	15.1	1,781	7	1,682	7	85
18 to 19 years .....	2,554	72.4	2,290	2,020	270	11.8	976	5	834	14	122
20 to 64 years .....	45,168	91.3	43,666	42,254	1,412	3.2	4,307	90	1,115	1,018	2,085
20 to 24 years .....	7,076	86.9	6,386	5,934	452	7.1	1,070	14	873	48	135
25 to 54 years .....	31,637	95.7	30,826	30,001	825	2.7	1,419	49	235	521	613
25 to 29 years .....	12,619	96.6	12,102	11,699	404	3.3	440	20	193	81	146
30 to 34 years .....	9,500	97.1	9,242	9,020	222	2.4	288	15	33	116	125
35 to 44 years .....	9,518	93.2	9,482	9,283	199	2.1	691	14	10	325	343
55 to 64 years .....	6,456	78.0	6,454	6,319	135	2.1	1,819	27	7	449	1,337
55 to 59 years .....	3,846	86.7	3,845	3,764	81	2.1	592	4	7	209	372
60 to 64 years .....	2,609	68.0	2,609	2,555	54	2.1	1,227	23	--	240	965
65 years and over .....	1,856	23.7	1,856	1,794	62	3.3	5,973	132	--	435	5,406
<b>Negro and other races</b>											
16 years and over .....	6,047	74.0	5,710	5,205	506	8.9	2,128	58	774	358	939
16 to 21 years .....	996	57.4	855	634	221	25.8	739	3	659	4	73
16 to 19 years .....	580	48.3	514	356	159	30.9	621	3	571	4	43
16 to 17 years .....	198	31.7	192	130	61	32.1	426	1	405	2	18
18 to 19 years .....	382	66.3	323	225	97	30.2	195	2	166	2	25
20 to 64 years .....	5,271	85.6	5,000	4,665	334	6.7	887	33	203	258	393
20 to 24 years .....	1,009	83.2	868	741	126	14.5	264	2	142	5	55
25 to 54 years .....	3,682	89.9	3,553	3,363	190	5.3	414	19	62	149	183
25 to 29 years .....	1,557	93.0	1,472	1,351	121	8.2	118	6	46	17	48
30 to 34 years .....	1,135	99.6	1,094	1,055	39	3.6	117	3	13	45	56
35 to 44 years .....	990	84.7	987	957	30	3.0	179	10	2	87	50
55 to 64 years .....	579	68.2	579	561	18	3.2	270	12	--	104	155
55 to 59 years .....	325	74.0	328	321	7	2.1	115	2	--	49	65
60 to 64 years .....	252	61.9	251	240	11	4.5	155	10	--	55	90
65 years and over .....	196	24.0	196	184	13	6.4	621	22	--	96	502

A-3. Employment status of the noninstitutional population by sex, age, and color—Continued

(Numbers in thousands)

Sex, age, and color	October 1974										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over	36,648	46.4	36,574	34,051	2,523	6.9	42,322	34,574	4,282	1,051	2,416
16 to 21 years	6,494	53.7	6,456	5,497	959	14.9	5,593	1,562	3,776	13	242
16 to 19 years	4,010	49.1	3,993	3,294	699	17.5	4,154	758	3,231	7	138
16 to 17 years	1,686	41.0	1,685	1,360	325	19.2	2,422	181	2,188	2	50
18 to 19 years	2,325	57.3	2,308	1,935	373	16.2	1,732	577	1,042	5	108
20 to 64 years	31,630	54.0	31,373	29,789	1,783	5.6	26,916	24,345	1,043	419	1,108
20 to 24 years	6,006	64.2	5,967	5,436	531	8.9	3,344	2,430	744	15	155
25 to 54 years	21,529	55.3	21,511	20,399	1,112	5.2	17,418	16,346	294	237	541
25 to 29 years	4,707	57.3	4,697	4,374	322	6.9	3,505	3,274	126	22	83
30 to 34 years	3,534	51.3	3,531	3,359	222	6.3	3,349	3,156	72	21	99
35 to 39 years	3,262	54.7	3,200	3,048	153	4.8	2,651	2,533	32	24	61
40 to 44 years	3,290	57.1	3,289	3,129	160	4.9	2,474	2,336	31	37	70
45 to 49 years	3,403	56.1	3,402	3,253	149	4.4	2,661	2,461	22	60	117
50 to 54 years	3,393	55.0	3,393	3,286	107	3.2	2,779	2,586	10	73	110
55 to 64 years	4,094	40.0	4,094	3,954	140	3.4	6,154	5,568	6	167	412
55 to 59 years	2,514	46.7	2,514	2,423	91	3.6	2,867	2,619	4	76	168
60 to 64 years	1,580	32.5	1,580	1,531	49	3.1	3,287	2,950	2	91	244
65 years and over	1,008	8.2	1,008	968	41	4.0	11,253	9,471	8	625	1,150
65 to 69 years	614	14.2	614	584	30	4.9	3,706	3,274	2	110	319
70 years and over	394	5.0	394	383	11	2.7	7,547	6,197	5	515	830
<b>White</b>											
16 years and over	31,896	45.9	31,834	29,854	1,979	6.2	37,535	31,055	3,498	823	2,160
16 to 21 years	5,775	56.1	5,744	5,015	729	12.7	4,524	1,247	3,083	11	183
16 to 19 years	3,609	52.0	3,595	3,045	550	15.3	3,330	593	2,604	6	127
16 to 17 years	1,553	44.6	1,553	1,290	263	16.9	1,929	136	1,752	1	41
18 to 19 years	2,056	59.5	2,042	1,755	287	14.0	1,400	458	852	5	86
20 to 64 years	27,389	53.4	27,340	25,949	1,391	5.1	23,915	21,741	889	321	964
20 to 24 years	5,175	64.6	5,142	4,769	373	7.2	2,835	2,073	640	8	114
25 to 54 years	18,532	54.4	18,516	17,624	892	4.8	15,511	14,607	243	188	473
25 to 34 years	6,969	53.2	6,958	6,533	425	6.1	6,120	5,770	160	37	153
35 to 44 years	5,533	54.9	5,530	5,286	244	4.4	4,547	4,319	59	52	118
45 to 54 years	6,029	55.4	6,028	5,805	223	3.7	4,844	4,518	24	100	203
55 to 64 years	3,682	39.8	3,682	3,556	127	3.4	5,569	5,061	7	125	377
55 to 59 years	2,264	46.6	2,264	2,181	83	3.7	2,600	2,379	4	59	158
60 to 64 years	1,418	32.3	1,418	1,375	43	3.0	2,970	2,682	2	66	219
65 years and over	898	8.0	898	860	38	4.3	10,290	8,721	4	496	1,069
<b>Negro and other races</b>											
16 years and over	4,752	49.8	4,740	4,197	544	11.5	4,787	3,519	784	228	256
16 to 21 years	719	46.2	712	483	230	32.2	1,069	315	693	2	59
16 to 19 years	401	32.7	398	249	149	37.4	824	165	626	1	31
16 to 17 years	132	21.2	132	70	62	47.2	492	46	436	1	9
18 to 19 years	269	44.8	266	179	87	32.6	332	119	190	--	23
20 to 64 years	4,241	58.6	4,232	3,840	393	9.3	3,000	2,604	154	98	145
20 to 24 years	832	62.0	825	667	158	19.2	510	358	103	7	42
25 to 54 years	2,998	61.1	2,996	2,776	220	7.3	1,907	1,739	51	49	68
25 to 34 years	1,272	61.4	1,270	1,151	119	9.4	734	660	38	6	30
35 to 44 years	959	62.4	959	890	69	7.2	577	550	4	9	13
45 to 54 years	767	56.3	767	734	33	4.3	595	529	9	33	24
55 to 64 years	412	41.3	412	398	13	3.2	584	507	--	42	35
55 to 59 years	249	33.2	249	241	8	3.1	267	240	--	17	10
60 to 64 years	162	33.9	162	157	5	3.4	317	267	--	25	25
65 years and over	110	10.2	110	108	2	2.1	963	750	4	129	80

## A-4. Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>MALES</b>								
16 years and over	56,663	57,457	79.4	79.1	54,429	55,318	78.7	78.5
16 to 19 years	4,891	4,965	59.5	59.5	4,527	4,600	57.6	57.7
16 to 17 years	2,014	2,029	48.2	47.9	1,974	1,987	47.7	47.4
18 to 19 years	2,877	2,936	71.2	71.5	2,553	2,613	68.7	69.1
20 to 24 years	7,998	8,085	86.0	86.4	7,086	7,254	84.5	85.1
25 to 54 years	34,797	35,320	95.5	95.1	33,842	34,380	95.3	94.9
25 to 34 years	13,687	14,176	96.3	96.3	13,082	13,574	96.2	96.1
35 to 44 years	10,600	10,635	96.6	96.3	10,291	10,336	96.5	96.2
45 to 54 years	10,510	10,508	93.3	92.4	10,468	10,469	93.3	92.3
55 to 64 years	7,013	7,035	78.1	77.1	7,011	7,033	78.1	77.1
55 to 59 years	4,131	4,174	85.8	85.5	4,129	4,172	85.8	85.5
60 to 64 years	2,882	2,861	69.2	67.4	2,882	2,861	69.2	67.4
65 years and over	1,963	2,052	23.3	23.7	1,964	2,052	23.3	23.7
<b>White</b>								
16 years and over	50,684	51,410	79.9	79.8	48,763	49,607	79.3	79.2
16 to 19 years	4,359	4,385	61.7	61.4	4,052	4,085	60.0	59.7
16 to 17 years	1,853	1,831	51.7	50.7	1,818	1,795	51.2	50.2
18 to 19 years	2,506	2,554	72.1	72.4	2,235	2,290	69.7	70.1
20 to 24 years	6,970	7,076	86.2	86.9	6,188	6,386	84.8	85.7
25 to 54 years	31,165	31,637	95.9	95.7	30,335	30,826	95.8	95.6
25 to 34 years	12,192	12,619	96.8	96.6	11,668	12,102	96.6	96.5
35 to 44 years	9,471	9,500	97.2	97.1	9,203	9,242	97.1	97.0
45 to 54 years	9,503	9,518	93.6	93.2	9,464	9,482	93.6	93.2
55 to 64 years	6,434	6,456	78.8	78.0	6,432	6,454	78.8	78.0
55 to 59 years	3,804	3,846	86.7	86.7	3,802	3,845	86.7	86.7
60 to 64 years	2,630	2,609	69.6	68.0	2,630	2,609	69.6	68.0
65 years and over	1,756	1,856	23.0	23.7	1,756	1,856	23.0	23.7
<b>Negro and other races</b>								
16 years and over	5,979	6,047	75.5	74.0	5,665	5,710	74.4	72.8
16 to 19 years	532	580	45.9	48.3	474	514	43.0	45.3
16 to 17 years	161	198	27.0	31.7	156	192	26.3	31.0
18 to 19 years	371	382	65.7	66.3	319	323	62.2	62.4
20 to 24 years	1,028	1,009	84.3	83.2	897	868	82.5	81.0
25 to 54 years	3,632	3,682	91.8	89.9	3,507	3,553	91.5	89.6
25 to 34 years	1,495	1,557	92.9	93.0	1,414	1,472	92.5	92.6
35 to 44 years	1,129	1,135	91.7	90.6	1,088	1,094	91.4	90.3
45 to 54 years	1,008	990	90.2	84.7	1,004	987	90.2	84.7
55 to 64 years	579	579	71.6	68.2	579	579	71.6	68.2
55 to 59 years	327	328	76.8	74.0	327	328	76.8	74.0
60 to 64 years	252	252	65.8	61.9	252	251	65.8	61.9
65 years and over	207	196	26.7	24.0	207	196	26.7	24.0

## A-4. Labor force by sex, age, and color—Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>FEMALES</b>								
16 years and over . . . . .	35,383	36,648	45.6	46.4	35,328	36,574	45.5	46.4
16 to 19 years . . . . .	3,793	4,010	47.4	49.1	3,781	3,993	47.4	49.0
16 to 17 years . . . . .	1,598	1,686	39.4	41.0	1,598	1,685	39.4	41.0
18 to 19 years . . . . .	2,196	2,325	55.7	57.3	2,184	2,308	55.6	57.1
20 to 24 years . . . . .	5,747	6,006	62.2	64.2	5,719	5,967	62.1	64.1
25 to 54 years . . . . .	20,593	21,529	53.8	55.3	20,579	21,511	53.8	55.3
25 to 34 years . . . . .	7,581	8,241	52.2	54.6	7,571	8,228	52.2	54.6
35 to 44 years . . . . .	6,300	6,492	54.7	55.9	6,297	6,489	54.7	55.9
45 to 54 years . . . . .	6,712	6,796	54.9	55.5	6,711	6,795	54.9	55.5
55 to 64 years . . . . .	4,199	4,094	41.1	40.0	4,199	4,094	41.1	40.0
55 to 59 years . . . . .	2,560	2,514	47.7	46.7	2,560	2,514	47.7	46.7
60 to 64 years . . . . .	1,638	1,580	33.8	32.5	1,638	1,580	33.8	32.5
65 years and over . . . . .	1,052	1,008	8.8	8.2	1,051	1,008	8.8	8.2
<b>White</b>								
16 years and over . . . . .	30,857	31,896	45.1	45.9	30,809	31,834	45.0	45.9
16 to 19 years . . . . .	3,438	3,609	50.5	52.0	3,428	3,595	50.4	51.9
16 to 17 years . . . . .	1,491	1,553	43.2	44.6	1,491	1,553	43.2	44.6
18 to 19 years . . . . .	1,947	2,056	57.9	59.5	1,937	2,042	57.8	59.3
20 to 24 years . . . . .	4,982	5,175	62.8	64.6	4,958	5,142	62.7	64.5
25 to 54 years . . . . .	17,733	18,532	52.9	54.4	17,720	18,516	52.9	54.4
25 to 34 years . . . . .	6,405	6,969	50.7	53.2	6,397	6,958	50.7	53.2
35 to 44 years . . . . .	5,397	5,533	53.9	54.9	5,394	5,530	53.9	54.9
45 to 54 years . . . . .	5,390	6,029	54.5	55.4	5,929	6,028	54.5	55.4
55 to 64 years . . . . .	3,775	3,682	40.9	39.8	3,775	3,682	40.9	39.8
55 to 59 years . . . . .	2,303	2,264	47.4	46.6	2,303	2,264	47.4	46.6
60 to 64 years . . . . .	1,472	1,418	33.6	32.3	1,472	1,418	33.6	32.3
65 years and over . . . . .	928	898	8.5	8.0	928	898	8.5	8.0
<b>Negro and other races</b>								
16 years and over . . . . .	4,527	4,752	49.2	49.8	4,519	4,740	49.2	49.8
16 to 19 years . . . . .	355	401	30.0	32.7	353	398	29.9	32.6
16 to 17 years . . . . .	107	132	17.6	21.2	107	132	17.6	21.1
18 to 19 years . . . . .	248	269	42.9	44.8	247	266	42.7	44.5
20 to 24 years . . . . .	765	832	59.0	62.0	761	825	58.8	61.8
25 to 54 years . . . . .	2,859	2,998	60.5	61.1	2,858	2,996	60.5	61.1
25 to 34 years . . . . .	1,175	1,272	62.3	63.4	1,174	1,270	62.3	63.4
35 to 44 years . . . . .	903	959	60.0	62.4	903	959	60.0	62.4
45 to 54 years . . . . .	781	767	58.4	56.3	781	767	58.4	56.3
55 to 64 years . . . . .	424	412	43.9	41.3	424	412	43.9	41.3
55 to 59 years . . . . .	258	249	50.7	48.2	258	249	50.7	48.2
60 to 64 years . . . . .	166	162	36.3	33.9	166	162	36.3	33.9
65 years and over . . . . .	123	110	12.0	10.2	123	110	12.0	10.2

**A-5. Employment status of the noninstitutional population by sex, age, and color**

(Numbers in thousands)

Employment status and color	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>TOTAL</b>								
Total noninstitutional population	149,001	151,593	63,139	64,279	69,643	70,807	16,219	16,507
Total labor force	92,046	94,105	51,814	52,491	31,590	32,638	8,685	8,976
Percent of population	61.8	62.1	82.0	81.7	45.4	46.1	53.5	54.4
Civilian labor force	89,757	91,891	49,902	50,718	31,547	32,581	8,308	8,593
Employed	85,994	86,847	48,654	48,898	30,151	30,757	7,189	7,193
Agriculture	3,524	3,536	2,558	2,570	584	546	382	420
Nonagricultural industries	82,470	83,312	46,096	46,328	29,567	30,211	6,807	6,773
Unemployed	3,763	5,044	1,248	1,820	1,396	1,824	1,119	1,400
Percent of labor force	4.2	5.5	2.5	3.6	4.4	5.6	13.5	16.3
Not in labor force	56,955	57,489	11,368	11,788	38,053	38,169	7,334	7,531
<b>White</b>								
Total noninstitutional population	131,878	133,879	56,377	57,305	61,627	62,492	13,874	14,082
Total labor force	81,541	83,306	46,325	47,024	27,418	28,287	7,798	7,995
Percent of population	61.8	62.2	82.2	82.1	44.5	45.3	56.2	56.8
Civilian labor force	79,572	81,441	44,711	45,522	27,381	28,238	7,480	7,680
Employed	76,593	77,446	43,723	44,048	26,289	26,809	6,581	6,588
Agriculture	3,221	3,221	2,315	2,323	544	502	362	396
Nonagricultural industries	73,373	74,225	41,409	41,725	25,745	26,307	6,219	6,193
Unemployed	2,979	3,995	988	1,474	1,092	1,429	899	1,092
Percent of labor force	3.7	4.9	2.2	3.2	4.0	5.1	12.0	14.2
Not in labor force	50,337	50,573	10,051	10,280	34,209	34,205	6,076	6,087
<b>Negro and other races</b>								
Total noninstitutional population	17,123	17,715	6,763	6,975	8,015	8,315	2,345	2,425
Total labor force	10,505	10,799	5,446	5,467	4,172	4,351	887	981
Percent of population	61.4	61.0	80.5	78.4	52.0	52.3	37.8	40.4
Civilian labor force	10,184	10,451	5,191	5,196	4,166	4,342	827	913
Employed	9,400	9,402	4,931	4,849	3,862	3,948	607	605
Agriculture	304	315	244	247	40	43	20	25
Nonagricultural industries	9,096	9,087	4,687	4,603	3,822	3,904	587	580
Unemployed	784	1,049	260	347	304	395	220	308
Percent of labor force	7.7	10.0	5.0	6.7	7.3	9.1	26.0	33.7
Not in labor force	6,618	6,916	1,317	1,508	3,844	3,963	1,458	1,444

**A-6. Employment status of the noninstitutional population 16-21 years of age by color and sex**

(Numbers in thousands)

Employment status	October 1974								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,423	12,336	12,087	20,900	10,601	10,299	3,523	1,715	1,788
Total labor force	14,694	8,201	6,494	12,980	7,205	5,775	1,715	996	719
Percent of population	60.2	66.5	53.7	62.1	68.0	56.1	48.7	57.4	40.2
Civilian labor force	13,864	7,408	6,456	12,297	6,553	5,744	1,567	855	712
Employed	11,911	6,413	5,497	10,794	5,779	5,015	1,117	634	483
Agriculture	567	481	86	522	443	79	44	38	7
Nonagricultural industries	11,344	5,932	5,411	10,271	5,336	4,935	1,072	597	476
Unemployed	1,954	995	959	1,503	774	729	450	221	230
Percent of labor force	14.1	13.4	14.9	12.2	11.8	12.7	28.7	25.8	32.2
Looking for full-time work	1,144	606	538	842	458	384	302	148	154
Looking for part-time work	810	388	421	662	316	345	148	72	76
Not in labor force	9,728	4,136	5,593	7,920	3,397	4,524	1,808	739	1,069
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	4,176	2,221	1,955	3,762	1,982	1,780	414	239	175
Employed	3,393	1,826	1,567	3,131	1,660	1,471	262	166	96
Agriculture	183	146	37	175	139	35	8	7	1
Nonagricultural industries	3,210	1,680	1,530	2,956	1,521	1,435	254	159	95
Unemployed	784	395	388	632	322	310	152	73	79
Percent of labor force	18.8	17.8	19.9	16.8	16.2	17.4	36.7	30.6	45.0
Looking for full-time work	56	33	24	26	17	9	30	15	15
Looking for part-time work	727	362	365	605	304	301	122	58	64
Not in labor force	7,507	3,731	3,776	6,155	3,072	3,083	1,352	659	693
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	9,688	5,187	4,501	8,535	4,571	3,964	1,153	616	537
Employed	8,518	4,587	3,931	7,663	4,119	3,544	855	468	387
Agriculture	384	335	50	348	304	44	37	31	6
Nonagricultural industries	8,133	4,252	3,881	7,315	3,815	3,500	818	437	381
Unemployed	1,170	600	571	872	452	420	298	147	151
Percent of labor force	12.1	11.6	12.7	10.2	9.9	10.6	25.9	23.9	28.1
Looking for full-time work	1,087	573	514	815	440	375	272	133	139
Looking for part-time work	83	26	57	56	12	45	26	14	12
Not in labor force	2,221	404	1,817	1,765	325	1,441	456	79	376

<sup>1</sup> Percent not shown where base is less than 75,000.

**A-7. Full- and part-time status of the civilian labor force by color, sex and age**

(Numbers in thousands)

Color, sex, and age	October 1974								
	Full-time labor force				Part-time labor force				
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over .....	77,883	71,292	2,822	3,769	4.8	14,009	12,733	1,275	9.1
16 to 21 years .....	8,639	6,814	681	1,144	13.2	5,226	4,416	810	15.5
16 to 19 years .....	4,344	3,182	454	708	16.3	4,249	3,557	692	16.3
16 to 17 years .....	838	562	125	151	18.1	2,834	2,326	507	17.9
18 to 19 years .....	3,506	2,620	329	557	15.9	1,415	1,231	184	13.0
20 years and over .....	73,539	68,110	2,368	3,061	4.2	9,760	9,177	583	6.0
20 to 24 years .....	11,383	9,945	520	918	8.1	1,838	1,646	192	10.4
25 years and over .....	62,156	58,165	1,848	2,143	3.4	7,922	7,531	391	4.9
25 to 54 years .....	50,644	47,403	1,398	1,841	3.6	5,247	4,962	286	5.5
55 years and over .....	11,512	10,763	448	302	2.6	2,675	2,569	106	4.0
Males, 16 years and over .....	50,439	47,024	1,409	2,006	4.0	4,878	4,363	515	10.6
16 to 21 years .....	4,835	3,886	343	606	12.5	2,573	2,184	388	15.1
16 to 19 years .....	2,443	1,852	224	367	15.0	2,157	1,823	334	15.5
20 years and over .....	47,997	45,173	1,185	1,639	3.4	2,721	2,540	182	6.7
20 to 24 years .....	6,500	5,706	292	502	7.7	754	677	77	10.2
25 years and over .....	41,497	39,467	893	1,137	2.7	1,967	1,863	105	5.3
25 to 54 years .....	33,700	32,058	675	967	2.9	679	632	47	6.9
55 years and over .....	7,797	7,409	218	170	2.2	1,289	1,231	57	4.4
Females, 16 years and over .....	27,443	24,268	1,413	1,763	6.4	9,131	8,370	760	8.3
16 to 21 years .....	3,803	2,928	338	538	14.1	2,653	2,231	421	15.9
16 to 19 years .....	1,901	1,330	230	341	17.9	2,092	1,734	358	17.1
20 years and over .....	25,542	22,938	1,182	1,422	5.6	7,039	6,637	402	5.7
20 to 24 years .....	4,883	4,238	228	416	8.5	1,084	969	115	10.6
25 years and over .....	20,659	18,700	954	1,006	4.9	5,955	5,668	287	4.8
25 to 54 years .....	16,944	15,345	724	874	5.2	4,569	4,330	239	5.2
55 years and over .....	3,715	3,354	230	132	3.6	1,386	1,338	49	3.5
<b>White</b>									
Males, 16 years and over .....	45,249	42,506	1,140	1,603	3.5	4,358	3,945	413	9.5
16 to 21 years .....	4,236	3,512	266	458	10.8	2,317	2,001	316	13.6
16 to 19 years .....	2,132	1,693	165	274	12.9	1,953	1,685	268	13.7
20 years and over .....	43,118	40,813	975	1,329	3.1	2,405	2,260	145	6.0
20 to 24 years .....	5,720	5,092	242	386	6.8	666	600	66	10.0
25 years and over .....	37,398	35,721	733	943	2.5	1,739	1,660	79	4.5
25 to 54 years .....	30,248	28,907	552	790	2.6	578	543	34	5.9
55 years and over .....	7,149	6,815	181	153	2.1	1,161	1,117	44	3.8
Females, 16 years and over .....	23,546	21,084	1,120	1,342	5.7	8,288	7,650	637	7.7
16 to 21 years .....	3,317	2,642	291	384	11.6	2,427	2,082	345	14.2
16 to 19 years .....	1,662	1,211	201	250	15.0	1,933	1,633	300	15.5
20 years and over .....	21,884	19,873	919	1,092	5.0	6,354	6,017	337	5.3
20 to 24 years .....	4,171	3,697	189	285	6.8	971	884	87	9.0
25 years and over .....	17,713	16,176	730	807	4.6	5,383	5,133	250	4.6
25 to 54 years .....	14,351	13,115	553	684	4.8	4,165	3,956	207	5.0
55 years and over .....	3,362	3,061	177	123	3.7	1,219	1,177	41	3.4
<b>Negro and other races</b>									
Males, 16 years and over .....	5,190	4,518	269	403	7.8	520	418	103	19.7
16 to 21 years .....	600	374	77	148	24.8	255	183	72	28.3
16 to 19 years .....	311	159	59	93	30.0	204	138	66	32.2
20 years and over .....	4,879	4,360	210	310	6.3	317	280	37	11.7
20 to 24 years .....	780	614	50	116	14.8	88	77	11	12.3
25 years and over .....	4,099	3,746	160	194	4.7	229	203	26	11.4
25 to 54 years .....	3,452	3,152	122	177	5.1	101	88	13	12.9
55 years and over .....	647	593	37	18	2.8	128	114	14	10.9
Females, 16 years and over .....	3,898	3,184	293	421	10.8	843	720	123	14.6
16 to 21 years .....	486	286	47	154	31.6	226	150	76	33.7
16 to 19 years .....	240	119	29	91	38.0	158	101	58	36.6
20 years and over .....	3,658	3,064	264	330	9.0	684	620	65	9.5
20 to 24 years .....	712	542	39	131	18.4	113	85	28	24.4
25 years and over .....	2,946	2,522	225	199	6.8	571	535	37	6.5
25 to 54 years .....	2,592	2,230	171	190	7.3	404	374	30	7.4
55 years and over .....	354	293	52	9	2.5	168	160	7	4.2

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.



A-8. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total, 16 years and over	1,819	2,521	3.3	4.6	1,945	2,523	5.5	6.9
16 to 19 years	371	701	13.6	15.7	568	699	14.4	17.5
16 to 17 years	307	332	15.5	16.8	266	325	16.6	19.3
18 to 19 years	264	368	10.4	14.1	283	373	12.9	16.2
20 years and over	1,248	1,820	2.5	3.1	1,396	1,824	4.4	5.6
20 to 24 years	397	579	3.6	8.0	418	531	7.3	8.0
25 years and over	851	1,242	2.0	2.9	979	1,293	3.8	4.9
25 to 34 years	339	525	2.6	3.9	403	544	5.1	6.6
35 to 44 years	139	261	1.4	2.3	236	312	3.9	4.8
45 to 54 years	151	229	1.5	2.2	209	256	3.1	3.8
55 to 64 years	157	173	2.2	2.2	103	150	2.4	3.4
55 to 59 years	90	88	2.2	2.1	63	91	2.5	3.6
60 to 64 years	67	62	2.3	2.3	40	69	2.4	3.1
65 years and over	64	56	3.2	3.7	18	31	1.7	4.0
Household heads, 16 years and over	841	1,224	1.9	2.7	177	458	5.0	5.7
16 to 24 years	142	215	3.3	5.0	67	92	6.9	8.7
25 to 54 years	485	797	1.5	2.5	247	268	5.6	5.6
55 years and over	213	213	2.5	2.4	63	95	2.8	4.3

A-9. Unemployed persons by marital status, sex, age, and color

Marital status, sex, age, and color	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total, 16 years and over	1,819	2,521	3.3	4.6	1,945	2,523	5.5	6.9
Married, spouse present	699	982	1.7	2.4	896	1,146	4.3	5.3
Widowed, divorced, or separated	136	232	4.7	6.4	354	457	3.5	6.8
Single (never married)	984	1,307	8.9	11.4	697	923	8.6	11.0
White, 16 years and over	1,449	2,016	3.0	4.1	1,531	1,979	5.0	6.2
Married, spouse present	580	852	1.6	2.1	756	971	4.1	5.1
Widowed, divorced, or separated	101	161	3.9	5.5	239	317	4.7	5.9
Single (never married)	769	1,003	8.0	10.1	535	691	7.6	9.5
Negro and other races, 16 years and over	369	506	6.5	8.9	414	544	9.2	11.5
Married, spouse present	119	130	3.3	3.7	137	173	6.3	7.7
Widowed, divorced, or separated	36	71	5.5	10.2	115	139	8.6	10.2
Single (never married)	215	304	15.3	20.3	162	231	16.3	20.7
Total, 20 to 64 years of age	1,184	1,746	2.5	3.6	1,378	1,783	4.5	5.6
Married, spouse present	644	905	1.7	2.4	802	1,047	4.0	5.1
Widowed, divorced, or separated	119	206	4.0	6.2	335	409	5.8	6.8
Single (never married)	421	635	6.3	9.1	242	328	5.1	6.7
White, 20 to 64 years of age	936	1,412	2.2	3.2	1,075	1,391	4.1	5.1
Married, spouse present	532	786	1.5	2.2	687	881	3.8	4.8
Widowed, divorced, or separated	92	144	3.9	5.4	223	278	4.9	5.8
Single (never married)	312	483	5.5	8.0	164	232	4.1	5.6
Negro and other races, 20 to 64 years of age	248	334	5.0	6.7	303	393	7.5	9.3
Married, spouse present	111	119	3.2	3.5	114	166	5.4	7.6
Widowed, divorced, or separated	28	62	4.7	9.6	111	131	8.9	10.2
Single (never married)	109	152	11.6	15.3	77	96	11.1	12.4

## A-10. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
			Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total	3,763	5,044	4.2	5.5	3.3	4.6	5.5	6.9
White-collar workers	1,136	1,447	2.7	3.3	1.7	2.1	3.7	4.5
Professional and technical	264	288	2.1	2.2	1.6	2.0	2.9	2.5
Managers and administrators, except farm	132	176	1.5	1.9	1.3	1.5	2.2	3.9
Sales workers	162	249	2.9	4.3	1.9	3.1	4.3	6.0
Clerical workers	577	733	3.8	4.6	2.4	2.6	4.2	5.2
Blue-collar workers	1,415	2,023	4.4	6.3	3.9	5.6	7.1	9.8
Craft and kindred workers	342	499	2.9	4.1	2.9	4.0	4.0	6.7
Carpenters and other construction craft	172	254	4.6	6.5	4.5	6.4	(1)	(1)
All other	170	245	2.1	3.0	2.1	2.8	3.0	6.1
Operatives, except transport	645	910	5.4	7.9	4.0	6.3	7.5	10.2
Transport equipment operatives	98	150	2.8	4.3	3.0	4.4	.5	3.5
Nonfarm laborers	330	464	7.0	9.4	6.9	9.1	9.0	12.8
Construction laborers	120	126	12.9	13.6	12.8	12.7	(1)	(1)
All other	210	338	5.6	8.5	5.3	8.2	8.8	11.0
Service workers	574	778	4.8	6.3	4.5	5.9	5.0	6.5
Private household	58	50	4.0	4.1	--	(1)	4.1	4.1
All other	516	728	4.9	6.5	4.5	5.9	5.2	6.9
Farm workers	68	69	2.1	2.2	1.6	2.3	4.6	1.9
No previous work experience	571	727	--	--	--	--	--	--
16 to 19 years	452	572	--	--	--	--	--	--
20 to 24 years	73	90	--	--	--	--	--	--
25 years and over	46	66	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-11. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
			Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total	100.0	100.0	4.2	5.5	3.3	4.6	5.5	6.9
Nonagricultural private wage and salary workers	71.2	73.3	4.1	5.6	3.4	4.7	5.2	6.8
Mining	.4	.3	2.3	2.1	2.5	2.4	--	.1
Construction	8.0	8.3	6.6	9.0	6.5	9.0	7.4	8.8
Manufacturing	20.3	24.3	3.5	5.7	2.6	4.3	5.6	8.8
Durable goods	11.7	14.1	3.4	5.4	2.7	4.4	5.8	8.7
Lumber and wood products	.8	1.0	4.5	8.0	4.2	8.0	7.2	(1)
Furniture and fixtures	.3	.8	2.6	6.8	1.4	6.3	5.1	7.7
Stone, clay, and glass products	.4	.9	2.1	6.1	1.5	6.0	4.7	6.4
Primary metal industries	.9	1.2	2.5	4.2	2.6	4.0	2.1	6.0
Fabricated metal products	1.6	1.4	3.9	4.6	3.5	3.4	5.3	8.6
Machinery, except electrical equipment	1.4	2.5	2.3	4.8	1.7	4.0	5.1	9.0
Electrical equipment	2.5	2.9	4.0	6.5	2.5	3.5	6.1	10.7
Transportation equipment	2.0	2.3	3.2	5.2	3.0	5.2	4.8	5.6
Automobiles	.7	1.3	2.1	5.2	1.7	5.4	5.0	3.7
Other transportation equipment	1.3	1.0	4.6	5.3	4.6	4.9	4.6	7.9
Instruments and related products	.5	.5	4.1	4.8	2.9	3.1	5.6	6.8
Other durable goods industries	1.2	.8	6.4	5.6	4.3	2.7	9.3	9.2
Nondurable goods	8.7	10.2	3.7	6.0	2.4	4.1	5.5	8.8
Food and kindred products	1.7	2.5	3.3	7.1	2.2	5.2	5.8	12.0
Textile mill products	1.1	1.1	4.0	6.1	3.0	5.0	5.2	7.4
Apparel and other textile products	2.1	2.0	5.4	8.0	4.4	4.5	5.6	8.8
Paper and allied products	.4	.7	2.1	4.4	1.8	1.9	3.1	14.9
Printing and publishing	1.1	1.2	3.2	4.9	3.2	4.4	3.3	5.6
Chemicals and allied products	.6	1.0	1.9	4.0	1.3	2.4	4.0	8.4
Rubber and plastics products	.6	1.0	3.2	6.7	3.1	5.8	3.4	8.0
Other nondurable goods industries	1.2	.8	6.1	5.8	3.4	3.6	11.3	8.9
Transportation and public utilities	3.2	2.9	2.6	3.0	2.3	2.5	3.4	4.7
Railroads and railway express	.3	.1	1.5	1.0	1.6	1.1	--	--
Other transportation	1.9	1.8	3.4	4.2	3.2	3.9	4.2	5.5
Communication and other public utilities	1.0	.9	2.0	2.3	1.3	1.1	3.2	4.6
Wholesale and retail trade	20.1	20.6	4.8	6.4	3.5	5.0	6.4	8.0
Finance, insurance, and real estate	3.2	3.6	2.8	2.9	1.7	1.7	3.8	3.9
Service industries	15.8	14.3	4.5	5.2	4.3	4.9	4.5	5.3
Professional services	6.4	5.8	3.3	3.8	2.8	3.0	3.6	4.1
All other service industries	9.4	8.5	5.8	6.9	5.6	6.5	5.9	7.2
Agricultural wage and salary workers	2.0	2.0	5.4	6.7	4.1	6.2	10.8	9.0
All other classes of workers	11.7	10.3	1.9	2.3	1.5	1.9	2.6	2.8
No previous work experience	15.2	14.4	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-12. Unemployed persons by reason for unemployment, sex and age, and color

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands .....	3,763	5,044	1,247	1,820	1,396	1,824	1,119	1,400	2,980	3,995	783	1,049
Job losers .....	1,218	1,960	669	1,095	384	630	165	235	988	1,577	230	383
Job leavers .....	692	877	250	315	288	365	153	197	577	750	115	127
Reentrants .....	1,284	1,485	301	358	633	727	350	400	990	1,136	294	349
New entrants .....	570	722	28	51	91	101	451	569	426	532	144	190
Total unemployed, percent distribution .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	32.3	38.8	53.6	60.1	27.5	34.6	14.7	16.8	33.1	39.5	29.3	36.5
Job leavers .....	18.4	17.4	20.1	17.3	20.6	20.0	13.7	14.1	19.4	18.8	14.7	12.1
Reentrants .....	34.1	29.4	24.1	19.7	45.3	39.8	31.3	28.5	33.2	28.4	37.5	33.3
New entrants .....	15.1	14.3	2.2	2.8	6.5	5.6	40.3	40.6	14.3	13.3	18.4	13.1
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate .....	4.2	5.5	2.5	3.6	4.4	5.6	13.3	16.3	3.7	4.1	7.7	10.0
Job loser rate <sup>1</sup> .....	1.4	2.1	1.3	2.2	1.2	2.0	2.0	2.7	1.2	2.0	2.3	3.6
Job leaver rate <sup>1</sup> .....	.8	1.0	.5	.6	.9	1.1	1.8	2.3	.7	.9	1.1	1.2
Reentrant rate <sup>1</sup> .....	1.4	1.6	.6	.7	2.0	2.2	4.2	4.7	1.2	1.4	2.9	3.3
New entrant rate <sup>1</sup> .....	.5	.8	.1	.1	.3	.3	5.4	6.6	.5	.7	1.4	1.8

<sup>1</sup> Unemployment rates are calculated as a percent of the civilian labor force.

## A-13. Unemployed persons by reason for unemployment, duration, sex, and age

Percent distribution<sup>1</sup>

Reason, sex, and age	October 1974						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	5,044	100.0	50.7	31.4	17.9	11.0	6.9
Job losers .....	1,960	100.0	46.8	30.1	23.1	12.6	10.5
Job leavers .....	877	100.0	54.6	29.5	15.9	10.6	5.3
Reentrants .....	1,485	100.0	54.3	32.5	13.2	8.7	4.5
New entrants .....	722	100.0	49.2	34.7	16.0	12.0	4.0
Males, 20 years and over .....	1,820	100.0	46.8	29.9	23.3	11.2	12.1
Job losers .....	1,095	100.0	46.2	28.9	24.8	11.3	13.5
Job leavers .....	315	100.0	49.8	31.1	19.0	11.1	7.9
Reentrants .....	358	100.0	47.1	30.9	22.0	10.6	11.4
New entrants .....	51	100.0	(1)	(1)	(1)	(1)	(1)
Females, 20 years and over .....	1,824	100.0	52.4	30.9	16.7	11.3	5.4
Job losers .....	630	100.0	43.1	34.5	22.3	13.6	8.7
Job leavers .....	365	100.0	55.6	26.0	18.4	13.2	5.2
Reentrants .....	727	100.0	58.7	29.7	11.6	8.7	2.9
New entrants .....	101	100.0	52.5	34.7	12.9	9.9	3.0
Both sexes, 16 to 19 years .....	1,400	100.0	53.8	33.9	12.4	10.3	2.1
Job losers .....	235	100.0	59.1	24.1	16.9	15.6	1.3
Job leavers .....	197	100.0	60.9	33.0	6.1	4.6	1.5
Reentrants .....	400	100.0	52.5	39.3	8.3	7.0	1.3
New entrants .....	569	100.0	50.0	34.5	15.5	12.3	3.2

<sup>1</sup> Percent not shown where base is less than 75,000.

A-14. Unemployed jobseekers by the jobsearch methods used, sex, age, and color

Sex, age, and color	October 1974								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	5,044	4,387	24.7	7.0	71.3	28.4	13.8	8.2	1.53
16 to 19 years .....	1,400	1,319	17.2	4.7	78.5	24.4	12.2	6.4	1.43
20 to 24 years .....	1,110	1,000	25.7	7.9	71.1	29.3	14.3	7.0	1.55
25 to 34 years .....	1,069	886	32.1	9.4	67.0	33.1	13.1	8.5	1.63
35 to 44 years .....	573	474	29.7	9.1	68.8	29.1	12.7	9.3	1.59
45 to 54 years .....	485	374	25.1	5.6	69.3	27.3	15.0	11.0	1.53
55 to 64 years .....	293	234	28.2	8.1	59.4	33.3	16.7	13.7	1.59
65 years and over .....	115	101	14.9	10.0	59.4	19.8	30.7	11.9	1.47
<b>Males, 16 years and over</b> .....	2,521	2,151	27.0	7.0	72.3	25.8	15.6	10.9	1.59
16 to 19 years .....	701	646	17.0	4.3	82.2	22.1	12.7	6.3	1.45
20 to 24 years .....	579	526	29.1	7.6	71.5	27.6	16.9	9.3	1.62
25 to 34 years .....	525	416	38.5	10.8	68.3	29.8	16.1	12.7	1.76
35 to 44 years .....	261	199	32.2	10.1	66.3	25.1	17.6	14.6	1.66
45 to 54 years .....	229	170	26.5	5.3	68.8	24.1	15.9	18.2	1.59
55 to 64 years .....	153	129	30.2	7.8	58.1	29.5	14.7	17.8	1.58
65 years and over .....	74	65	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Females, 16 years and over</b> .....	2,523	2,236	22.5	7.0	70.3	30.9	12.1	5.5	1.48
16 to 19 years .....	699	672	17.3	5.1	75.0	26.6	11.8	6.5	1.42
20 to 24 years .....	531	473	22.0	8.2	70.8	31.1	11.4	4.4	1.48
25 to 34 years .....	544	470	26.4	8.1	66.2	36.0	10.4	4.5	1.52
35 to 44 years .....	312	275	28.0	8.0	70.5	32.0	9.1	5.8	1.53
45 to 54 years .....	256	204	24.0	5.9	69.1	29.9	14.2	4.9	1.48
55 to 64 years .....	140	105	26.7	8.6	61.0	38.1	19.0	8.6	1.62
65 years and over .....	41	37	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	3,995	3,448	22.5	7.1	72.2	30.2	13.7	8.4	1.54
<b>Males</b> .....	2,016	1,709	24.5	6.8	73.3	26.7	15.4	11.5	1.58
<b>Females</b> .....	1,979	1,739	20.5	7.4	71.1	33.6	12.1	5.3	1.50
<b>Negro and other races</b> .....	1,049	938	32.9	6.8	67.9	21.7	14.2	7.2	1.51
<b>Males</b> .....	506	442	36.7	7.8	68.6	22.4	16.5	8.6	1.61
<b>Females</b> .....	544	496	29.6	5.8	67.5	21.2	12.3	6.0	1.42

<sup>1</sup> Percent not shown where base is less than 75,000.

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

A-15. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	October 1974								Average number of methods used
	Thousands of persons		Methods used as a percent of total jobseekers					Other	
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives		
<b>Total, 16 years and over</b> .....	5,044	4,387	24.7	7.0	71.3	28.4	13.8	8.2	1.53
Job losers .....	1,960	1,402	34.5	9.0	69.0	28.6	15.9	10.8	1.68
Job leavers .....	877	873	25.2	9.4	72.9	33.9	12.9	4.1	1.58
Reentrants .....	1,485	1,399	19.9	5.1	69.4	28.2	13.8	8.1	1.45
New entrants .....	722	712	14.5	4.1	77.5	21.6	10.8	8.0	1.37
<b>Males, 16 years and over</b> .....	2,521	2,151	27.0	7.0	72.3	25.8	15.6	10.9	1.59
Job losers .....	1,253	926	33.4	9.6	69.3	27.6	15.3	14.8	1.70
Job leavers .....	417	410	26.6	5.9	74.1	30.5	16.1	5.6	1.59
Reentrants .....	563	531	23.4	4.7	70.8	22.6	18.1	10.2	1.50
New entrants .....	289	284	13.4	4.6	82.4	19.0	10.9	7.4	1.38
<b>Females, 16 years and over</b> .....	2,523	2,236	22.6	7.0	70.3	30.9	12.1	5.5	1.48
Job losers .....	707	476	36.6	7.8	68.5	30.3	17.0	3.2	1.63
Job leavers .....	460	463	24.0	12.7	71.5	36.9	10.2	2.8	1.58
Reentrants .....	922	868	17.9	5.3	68.5	31.5	11.2	6.9	1.41
New entrants .....	433	428	15.2	3.7	74.3	23.6	10.7	8.4	1.36

NOTE: See note, table A-14.

## A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total .....	3,763	5,044	100.0	100.0	1,218	1,680	100.0	100.0
Less than 5 weeks .....	1,923	2,560	51.1	50.8	549	765	45.1	45.5
5 to 14 weeks .....	1,170	1,582	31.1	31.4	371	516	30.5	30.7
5 to 10 weeks .....	916	1,220	24.3	24.2	267	380	21.9	22.6
11 to 14 weeks .....	254	362	6.7	7.2	103	136	8.5	8.1
15 weeks and over .....	670	902	17.8	17.9	298	399	24.5	23.8
15 to 26 weeks .....	375	556	10.0	11.0	137	191	11.2	11.4
27 weeks and over .....	295	347	7.8	6.9	162	208	13.3	12.4
Average (mean) duration .....	9.8	9.5	--	--	13.1	12.5	--	--

## A-17. Unemployed persons by duration, sex, age, color, and marital status

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed <sup>1</sup> in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
	October 1974									
<b>Total, 16 years and over</b> .....	5,044	2,560	1,582	556	347	9.5	51.1	50.7	17.8	17.9
16 to 21 years .....	1,954	1,062	642	203	46	7.0	56.8	54.4	11.9	12.8
16 to 19 years .....	1,400	754	472	145	28	6.9	56.4	53.9	12.0	12.4
20 to 24 years .....	1,110	584	349	129	48	8.1	53.0	52.6	14.2	15.9
25 to 34 years .....	1,069	547	320	115	88	9.8	47.8	51.2	19.0	18.9
35 to 44 years .....	573	287	188	45	53	10.7	51.3	50.0	23.8	17.1
45 to 54 years .....	485	238	142	53	51	11.2	49.5	49.2	22.2	21.4
55 to 64 years .....	293	119	68	47	59	17.1	37.7	40.8	31.4	36.1
65 years and over .....	115	30	42	23	20	18.3	37.0	25.9	32.1	37.1
<b>Males, 16 years and over</b> .....	2,521	1,202	800	281	238	10.9	48.9	47.7	20.1	20.6
16 to 21 years .....	995	526	344	103	22	7.0	55.9	52.9	11.0	12.6
16 to 19 years .....	701	351	256	77	17	7.2	57.1	50.1	9.9	13.4
20 to 24 years .....	579	312	181	62	24	8.4	50.4	53.8	16.0	14.9
25 to 34 years .....	525	242	160	55	68	11.8	45.0	46.0	24.0	23.4
35 to 44 years .....	261	113	90	17	41	14.5	44.8	43.3	34.0	22.3
45 to 54 years .....	229	112	52	25	40	14.0	46.9	48.9	25.9	28.5
55 to 64 years .....	153	55	33	30	35	20.9	33.7	35.7	34.9	42.5
65 years and over .....	74	18	29	14	13	17.6	(1)	(1)	(1)	(1)
<b>Females, 16 years and over</b> .....	2,523	1,358	782	275	108	8.0	53.2	53.8	15.7	15.2
16 to 21 years .....	959	536	299	100	25	7.0	57.7	55.9	12.8	13.0
16 to 19 years .....	699	403	217	68	11	6.5	55.8	57.7	14.2	11.3
20 to 24 years .....	531	272	169	66	24	7.8	55.5	51.2	12.5	17.0
25 to 34 years .....	544	306	159	59	20	7.9	50.2	56.1	14.8	14.6
35 to 44 years .....	312	174	99	27	12	7.5	55.0	55.6	18.0	12.7
45 to 54 years .....	256	126	91	28	11	8.7	51.4	49.4	19.6	15.1
55 to 64 years .....	140	65	34	17	24	13.0	43.9	46.4	26.0	29.2
65 years and over .....	41	12	13	9	6	19.5	(1)	(1)	(1)	(1)
<b>White</b> .....	3,995	2,091	1,215	425	264	9.1	53.2	52.3	16.6	17.3
Males .....	2,016	1,003	620	214	179	10.3	52.3	49.8	18.6	19.5
Females .....	1,979	1,087	595	211	86	7.9	54.1	54.9	14.6	15.0
<b>Negro and other races</b> .....	1,049	469	367	131	82	10.8	42.9	44.7	22.5	20.3
Males .....	506	199	181	67	60	13.3	35.3	39.3	25.8	25.0
Females .....	544	271	186	64	23	8.5	49.8	49.8	19.7	16.0
<b>Males:</b>										
Married, spouse present .....	982	453	273	119	138	13.0	47.1	46.1	25.1	26.2
Widowed, divorced, or separated .....	232	98	82	19	33	12.0	44.8	42.4	27.6	22.4
Single (never married) .....	1,307	651	446	143	68	9.2	50.7	49.8	15.5	16.1
<b>Females:</b>										
Married, spouse present .....	1,144	650	346	113	35	7.1	57.6	56.8	13.9	12.9
Widowed, divorced, or separated .....	457	230	123	61	43	10.7	47.6	50.5	18.1	22.6
Single (never married) .....	923	478	312	102	31	7.8	50.4	51.8	16.7	14.4

<sup>1</sup> Percent not shown where base is less than 75,000.

**A-18. Unemployed persons by duration, occupation, and industry of last job**

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
	October 1974									
<b>OCCUPATION</b>										
White collar workers	1,447	670	476	189	112	10.3	46.7	46.3	20.4	20.8
Professional and managerial	464	201	156	69	39	11.1	38.9	43.3	24.0	23.1
Sales workers	249	114	88	28	18	10.3	51.1	45.9	21.7	18.6
Clerical workers	733	355	231	92	56	9.8	51.1	48.4	17.6	20.1
Blue collar workers	2,023	1,036	636	190	160	9.6	52.2	51.2	16.1	17.3
Craft and kindred workers	499	250	158	59	33	9.6	51.4	50.0	16.3	18.3
Operatives, except transport	910	481	285	74	70	9.1	53.0	52.9	15.5	15.9
Transport equipment operatives	150	80	45	7	17	10.0	52.4	53.4	23.8	16.4
Nonfarm laborers	464	225	148	50	41	10.5	51.3	48.6	15.0	19.5
Service workers	778	450	202	81	45	8.6	54.3	57.8	16.1	16.2
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	101	65	22	14	--	6.7	59.0	64.0	16.3	14.2
Construction	437	222	143	43	30	8.9	55.0	50.7	15.5	16.6
Manufacturing	1,231	617	391	129	103	9.9	51.2	50.2	18.8	18.1
Durable goods	716	358	213	71	73	10.8	48.2	50.1	20.7	20.2
Nondurable goods	515	259	178	48	30	8.6	55.1	50.3	16.2	15.1
Transportation and public utilities	148	67	50	14	18	12.2	55.4	45.0	26.0	21.5
Wholesale and retail trade	1,057	569	297	113	77	9.6	53.7	53.8	13.9	18.1
Finance and service industries	1,111	564	351	134	63	8.6	46.8	50.8	19.1	17.7
Public administration	143	52	45	24	22	15.0	42.0	36.5	19.7	32.1
No previous work experience	727	359	252	87	29	8.6	52.7	49.4	18.7	15.9

<sup>1</sup> Includes wage and salary workers only.

<sup>1</sup> Percent not shown where base is less than 75,000.

**A-19. Employed persons by sex and age**

(In thousands)

Age and type of industry	Total		Males		Females	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
All industries	85,994	86,847	52,610	52,796	33,384	34,051
16 to 19 years	7,189	7,193	3,956	3,898	3,233	3,294
16 to 17 years	2,999	3,013	1,667	1,653	1,332	1,360
18 to 19 years	4,190	4,180	2,289	2,245	1,901	1,935
20 to 24 years	11,990	12,111	6,689	6,675	5,301	5,436
25 to 54 years	52,933	53,764	33,212	33,365	19,721	20,400
25 to 34 years	19,911	20,733	12,743	13,049	7,168	7,684
35 to 44 years	16,203	16,252	10,152	10,076	6,051	6,177
45 to 54 years	16,819	16,779	10,317	10,240	6,502	6,539
55 to 64 years	10,950	10,834	6,854	6,880	4,096	3,954
55 to 59 years	6,537	6,507	4,039	4,085	2,498	2,423
60 to 64 years	4,413	4,327	2,815	2,795	1,598	1,531
65 years and over	2,933	2,945	1,900	1,978	1,033	968
Nonagricultural industries	82,470	83,312	49,730	49,874	32,740	33,438
16 to 19 years	6,807	6,773	3,634	3,546	3,173	3,227
16 to 17 years	2,753	2,773	1,462	1,464	1,291	1,309
18 to 19 years	4,054	3,999	2,172	2,082	1,881	1,918
20 to 24 years	11,681	11,780	6,428	6,391	5,253	5,390
25 to 54 years	51,167	52,004	31,847	31,989	19,320	20,015
25 to 34 years	19,431	20,224	12,381	12,652	7,050	7,572
35 to 44 years	15,647	15,721	9,721	9,668	5,926	6,053
45 to 54 years	16,089	16,059	9,745	9,669	6,344	6,390
55 to 64 years	10,296	10,232	6,293	6,360	4,004	3,872
55 to 59 years	6,208	6,182	3,762	3,806	2,447	2,376
60 to 64 years	4,088	4,050	2,531	2,554	1,557	1,496
65 years and over	2,518	2,523	1,528	1,589	990	933
Agriculture	3,524	3,536	2,880	2,922	644	613
16 to 19 years	382	420	322	353	60	68
16 to 17 years	246	240	205	189	41	50
18 to 19 years	137	180	117	163	20	17
20 to 24 years	309	330	261	284	48	46
25 to 54 years	1,766	1,760	1,364	1,377	402	383
25 to 34 years	481	509	362	398	119	111
35 to 44 years	555	531	431	408	125	123
45 to 54 years	730	720	571	571	158	149
55 to 64 years	653	603	561	520	92	82
55 to 59 years	328	325	277	279	51	47
60 to 64 years	325	277	284	242	41	36
65 years and over	415	423	372	388	43	34

## A-20. Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>TOTAL</b> .....	85,994	86,847	48,654	48,898	30,151	30,757	3,956	3,898	3,233	3,294
<b>White-collar workers</b> .....	41,181	42,215	20,427	20,718	18,448	19,218	615	584	1,691	1,695
Professional and technical .....	12,280	12,634	7,346	7,421	4,768	5,085	80	56	86	71
Health workers .....	2,003	2,129	756	792	1,222	1,308	9	4	16	25
Teachers, except college .....	3,089	3,107	962	982	2,100	2,100	3	8	24	18
Other professional and technical .....	7,188	7,398	5,628	5,647	1,446	1,677	68	44	46	28
Managers and administrators, except farm .....	8,828	8,943	7,161	7,246	1,610	1,626	48	46	9	25
Salariat workers .....	6,918	7,194	5,641	5,850	1,227	1,279	47	42	3	23
Self-employed workers in retail trade .....	991	917	720	681	264	230	2	3	5	2
Self-employed workers, except retail trade .....	919	832	800	714	118	116	--	2	1	--
Sales workers .....	5,414	5,502	2,862	2,974	1,958	1,904	226	219	368	404
Retail trade .....	3,124	3,152	1,016	1,043	1,588	1,552	175	177	345	380
Other industries .....	2,290	2,350	1,846	1,931	370	352	51	42	23	24
Clerical workers .....	14,659	15,137	3,058	3,077	10,113	10,602	261	263	1,227	1,195
Stenographers, typists, and secretaries .....	4,358	4,424	48	59	3,888	3,960	6	2	415	403
Other clerical workers .....	10,301	10,713	3,010	3,018	6,225	6,642	255	261	812	792
<b>Blue-collar workers</b> .....	30,421	29,972	22,576	22,430	3,049	4,812	2,394	2,323	401	407
Craft and kindred workers .....	11,377	11,532	10,440	10,594	474	476	441	426	21	36
Carpenters .....	1,114	1,096	1,007	1,040	13	1	92	56	1	--
Construction craft, except carpenters .....	2,419	2,542	2,270	2,386	24	20	120	133	6	3
Mechanics and repairers .....	2,889	2,855	2,732	2,710	28	20	127	126	1	--
Metal craft .....	1,153	1,208	1,106	1,157	25	12	20	37	1	2
Blue-collar worker supervisors, not elsewhere classified .....	1,490	1,453	1,371	1,311	111	126	8	12	--	4
All other .....	2,313	2,377	1,953	1,991	272	297	74	62	13	27
Operatives, except transport .....	11,298	10,683	6,063	5,805	4,124	3,842	799	738	311	299
Durable goods manufacturing .....	5,159	4,850	3,284	3,081	1,485	1,392	263	267	127	111
Nondurable goods manufacturing .....	3,673	3,339	1,331	1,285	2,042	1,799	170	135	130	120
Other industries .....	2,466	2,494	1,448	1,439	597	651	366	336	54	68
Transport equipment operatives .....	3,382	3,295	3,004	2,931	197	176	178	177	3	11
Drivers, motor vehicles .....	2,869	2,781	2,529	2,472	185	166	151	135	4	8
All other .....	513	514	475	459	12	10	27	42	--	3
Nonfarm laborers .....	4,364	4,462	3,069	3,100	254	318	976	982	65	62
Construction .....	811	804	654	647	8	4	149	153	--	1
Manufacturing .....	1,146	1,124	826	844	114	146	189	126	17	8
Other industries .....	2,407	2,533	1,590	1,609	132	168	638	704	47	52
<b>Service workers</b> .....	11,303	11,612	3,379	3,508	6,162	6,273	663	692	1,098	1,139
Private household workers .....	1,383	1,183	22	20	1,122	896	5	11	234	255
Service workers, except private household .....	9,920	10,430	3,357	3,488	5,040	5,377	658	680	864	884
Food service workers .....	3,499	3,754	616	680	1,930	2,087	392	390	561	597
Protective service workers .....	1,136	1,279	1,071	1,153	50	90	13	30	3	6
All other .....	5,285	5,397	1,670	1,655	3,060	3,200	253	260	300	281
<b>Farm workers</b> .....	3,091	3,048	2,271	2,242	492	454	284	299	43	52
Farmers and farm managers .....	1,658	1,633	1,543	1,535	93	85	18	13	3	--
Farm laborers and supervisors .....	1,433	1,415	728	707	398	368	266	287	40	53
Paid workers .....	1,012	1,038	690	669	120	139	171	201	30	30
Unpaid family workers .....	421	377	38	38	278	229	95	86	10	23

## A-21. Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Males		Females	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
<b>TOTAL</b>						
Total employed (thousands)	85,994	86,847	52,610	52,796	33,384	34,051
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	47.9	48.6	40.0	40.3	60.3	61.4
Professional and technical	14.3	14.5	14.1	14.2	14.5	15.1
Managers and administrators, except farm	10.3	10.3	13.7	13.8	4.8	4.8
Sales workers	6.3	6.3	5.9	6.0	7.0	6.8
Clerical workers	17.0	17.4	6.3	6.3	34.0	34.6
<b>Blue-collar workers</b>	35.4	34.5	47.5	46.9	16.3	15.3
Craft and kindred workers	13.2	13.3	20.7	20.9	1.5	1.5
Operatives, except transport	13.1	12.3	13.0	12.4	13.3	12.2
Transport equipment operatives	3.9	3.8	6.0	5.9	.6	.5
Nonfarm laborers	5.1	5.1	7.7	7.7	1.0	1.1
<b>Service workers</b>	13.1	13.4	7.7	8.0	21.7	21.8
Private household workers	1.6	1.4	.1	.1	4.1	3.4
Other service workers	11.5	12.0	7.6	7.9	17.7	18.4
<b>Farm workers</b>	3.6	3.5	4.9	4.8	1.6	1.5
Farmers and farm managers	1.9	1.9	3.0	2.9	.3	.2
Farm laborers and supervisors	1.7	1.6	1.9	1.9	1.3	1.2
<b>White</b>						
Total employed (thousands)	76,593	77,446	47,314	47,591	29,279	29,854
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	49.9	50.7	41.8	42.2	63.1	64.1
Professional and technical	14.8	15.1	14.7	14.7	15.0	15.7
Managers and administrators, except farm	11.0	11.1	14.6	14.7	5.1	5.2
Sales workers	6.8	6.8	6.3	6.5	7.6	7.3
Clerical workers	17.4	17.7	6.2	6.3	35.4	35.9
<b>Blue-collar workers</b>	34.7	33.3	46.4	45.8	15.7	14.8
Craft and kindred workers	13.8	13.8	21.4	21.4	1.5	1.6
Operatives, except transport	12.6	11.8	12.5	12.0	12.7	11.6
Transport equipment operatives	3.8	3.6	5.7	5.5	.6	.6
Nonfarm laborers	4.6	4.6	6.8	6.8	.9	1.1
<b>Service workers</b>	11.7	11.9	6.8	7.1	19.5	19.5
Private household workers	1.1	.9	(1)	.1	2.9	2.4
Other service workers	10.6	11.0	6.8	7.1	16.6	17.2
<b>Farm workers</b>	3.7	3.6	5.0	4.9	1.7	1.6
Farmers and farm managers	2.1	2.0	3.2	3.1	.3	.3
Farm laborers and supervisors	1.6	1.6	1.8	1.8	1.4	1.3
<b>Negro and other races</b>						
Total employed (thousands)	9,400	9,402	5,295	5,205	4,105	4,197
Percent	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b>	31.2	31.8	23.9	23.2	40.6	42.4
Professional and technical	9.9	10.2	9.1	9.2	11.1	11.4
Managers and administrators, except farm	4.4	4.0	5.5	5.3	3.0	2.4
Sales workers	2.3	2.3	2.1	1.8	2.6	2.9
Clerical workers	14.6	15.3	7.2	7.0	24.0	25.7
<b>Blue-collar workers</b>	41.1	40.1	57.1	57.2	20.6	18.9
Craft and kindred workers	8.8	9.1	14.5	15.6	1.5	1.1
Operatives, except transport	17.8	16.1	18.2	16.2	17.3	16.0
Transport equipment operatives	5.4	5.3	9.0	9.3	.7	.3
Nonfarm laborers	9.2	9.6	15.4	16.2	1.2	1.5
<b>Service workers</b>	25.1	25.5	15.3	15.6	37.8	37.7
Private household workers	5.6	4.9	.2	.2	12.7	10.6
Other service workers	19.5	20.6	15.1	15.4	25.1	27.1
<b>Farm workers</b>	2.6	2.6	3.8	3.9	1.0	1.0
Farmers and farm managers	.5	.7	.9	1.3	.1	--
Farm laborers and supervisors	2.0	1.9	2.9	2.6	.9	1.0

1 Less than 0.05 percent.



## A-22. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	October 1974								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total, 16 years and over</b>	77,054	1,399	14,194	61,461	5,779	478	1,412	1,728	395
16 to 19 years	6,667	323	490	5,854	84	22	294	16	111
16 to 17 years	2,717	251	153	2,313	45	11	159	12	69
18 to 19 years	3,950	72	337	3,541	39	11	135	4	42
20 to 24 years	11,462	96	1,677	9,689	293	25	241	69	21
25 to 34 years	19,096	117	3,877	15,102	1,053	75	265	194	49
35 to 44 years	14,382	163	3,019	11,201	1,216	123	185	268	78
45 to 54 years	14,510	228	3,114	11,168	1,415	135	203	435	82
55 to 64 years	8,982	281	1,724	6,976	1,177	73	137	426	39
55 to 59 years	5,452	153	1,040	4,259	680	49	77	226	22
60 to 64 years	3,530	128	684	2,717	496	24	60	200	17
65 years and over	1,955	191	294	1,471	542	25	88	320	15
<b>Males, 16 years and over</b>	45,575	202	7,498	37,875	4,262	37	1,169	1,626	127
16 to 19 years	3,474	64	190	3,219	60	12	249	16	87
16 to 17 years	1,425	53	62	1,309	33	6	124	12	53
18 to 19 years	2,049	11	128	1,910	27	6	125	4	35
20 to 24 years	6,164	21	689	5,454	214	13	202	68	14
25 to 34 years	11,911	14	2,084	9,813	740	1	212	179	7
35 to 44 years	8,751	14	1,659	7,078	916	--	152	254	3
45 to 54 years	8,585	21	1,703	6,861	1,081	2	162	405	5
55 to 64 years	5,490	26	988	4,476	867	3	115	402	4
55 to 59 years	3,309	16	610	2,683	496	1	66	211	2
60 to 64 years	2,181	10	379	1,793	371	2	48	191	2
65 years and over	1,200	42	185	973	383	6	79	303	7
<b>Females, 16 years and over</b>	31,479	1,197	6,696	23,586	1,518	441	243	102	268
16 to 19 years	3,194	258	300	2,635	24	10	44	--	23
16 to 17 years	1,293	198	91	1,004	12	5	35	--	16
18 to 19 years	1,901	61	209	1,631	12	5	10	--	7
20 to 24 years	5,299	76	988	4,235	78	13	39	--	7
25 to 34 years	7,184	103	1,793	5,289	313	75	53	16	42
35 to 44 years	5,632	149	1,360	4,122	300	122	34	14	75
45 to 54 years	5,924	207	1,411	4,307	334	132	41	30	78
55 to 64 years	3,492	256	736	2,500	310	70	22	24	35
55 to 59 years	2,143	137	430	1,576	185	48	11	15	20
60 to 64 years	1,349	119	306	924	125	22	12	9	15
65 years and over	755	149	108	498	159	20	9	17	8

**A-23. Employed persons with a job but not at work by reason, pay status, and sex**

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers <sup>1</sup>			
					Paid absences <sup>2</sup>		Unpaid absences <sup>2</sup>	
	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974	Oct. 1973	Oct. 1974
Total	3,674	4,048	3,580	3,928	1,711	1,900	1,534	1,626
Vacation	1,639	1,698	1,616	1,662	1,181	1,264	321	281
Illness	1,283	1,440	1,253	1,398	427	512	721	770
Bad weather	42	33	24	20	--	--	--	--
Industrial dispute	65	120	65	120	--	--	--	--
All other reasons	645	763	622	729	103	124	492	574
<b>Males</b>	<b>2,087</b>	<b>2,383</b>	<b>2,004</b>	<b>2,277</b>	<b>1,123</b>	<b>1,256</b>	<b>691</b>	<b>765</b>
Vacation	1,029	1,113	1,014	1,081	788	862	154	139
Illness	687	842	657	801	277	326	333	405
All other reasons <sup>3</sup>	371	428	333	395	58	68	204	221
<b>Females</b>	<b>1,587</b>	<b>1,665</b>	<b>1,576</b>	<b>1,651</b>	<b>588</b>	<b>643</b>	<b>844</b>	<b>861</b>
Vacation	610	584	602	581	392	400	167	142
Illness	596	598	595	596	150	186	388	365
All other reasons <sup>3</sup>	381	483	379	474	46	56	289	354

<sup>1</sup> Excludes private household.

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.

<sup>2</sup> Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

**A-24. Persons at work by type of industry and hours of work**

Hours of work	October 1974					
	Thousands of persons			Percent distribution		
	All industries	Nonagri-cultural industries	Agri-culture	All industries	Nonagri-cultural industries	Agri-culture
Total at work	82,799	79,383	3,416	100.0	100.0	100.0
1-34 hours	18,713	17,769	945	22.6	22.4	27.7
1-4 hours	788	750	38	1.0	.9	1.1
5-14 hours	3,844	3,658	187	4.6	4.6	5.5
15-29 hours	9,162	8,633	529	11.1	10.9	15.5
30-34 hours	4,919	4,728	191	5.9	6.0	5.6
35 hours and over	64,085	61,614	2,470	77.4	77.6	72.3
35-39 hours	5,967	5,788	178	7.2	7.3	5.2
40 hours	34,516	34,089	427	41.7	42.9	12.5
41 hours and over	23,602	21,737	1,865	28.5	27.4	54.6
41 to 48 hours	9,419	9,182	237	11.4	11.6	6.9
49 to 59 hours	7,933	7,465	468	9.6	9.4	13.7
60 hours and over	6,250	5,090	1,160	7.5	6.4	34.0
Average hours, total at work	39.3	38.9	46.8	--	--	--
Average hours, workers on full-time schedules	43.7	43.2	55.3	--	--	--

## A-25. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

In thousands<sup>1</sup>

Reasons working less than 35 hours	October 1974					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	18,714	5,282	13,432	17,770	5,062	12,708
Economic reasons	2,822	1,357	1,465	2,651	1,283	1,368
Slack work	1,507	1,031	476	1,376	967	409
Material shortages or repairs to plant and equipment	78	78	--	78	78	--
New job started during week	163	163	--	159	159	--
Job terminated during week	85	85	--	79	79	--
Could find only part-time work	989	--	989	959	--	959
Other reasons	15,892	3,925	11,967	15,119	3,779	11,340
Does not want, or unavailable for, full-time work	9,862	--	9,862	9,373	--	9,373
Vacation	661	661	--	643	643	--
Illness	1,990	1,689	301	1,905	1,658	247
Bad weather	162	162	--	112	112	--
Events of calendar	34	34	--	28	28	--
Leave of absence periods	162	162	--	162	162	--
Fall-time for this job	1,336	--	1,336	1,293	--	1,293
All other reasons	1,685	1,217	468	1,602	1,175	427
Average hours						
Economic reasons	21.6	24.6	18.9	21.8	24.8	18.9
Other reasons	20.2	26.4	18.2	20.3	26.5	18.2
Workers 35 to 34 hours						
Economic reasons	888	611	277	857	599	258
Other reasons	4,031	2,126	1,905	3,871	2,060	1,811

## A-26. Nonagricultural workers by industry and full- or part-time status

Industry	October 1974								Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	Percent distribution						
				Total	40 hours or less	41 to 48 hours	49 hours or more			
Total <sup>1</sup>	100.0	3.3	14.3	82.4	55.0	11.6	15.8	38.9	43.2	
Wage and salary workers	100.0	3.2	14.0	82.8	57.0	11.7	14.0	38.6	42.7	
Construction	100.0	6.4	4.9	88.6	64.3	10.6	13.7	39.8	42.3	
Manufacturing	100.0	3.3	3.1	93.6	65.1	15.0	13.4	41.0	42.3	
Durable goods	100.0	2.1	2.2	95.7	65.9	15.8	13.9	41.5	42.3	
Nondurable goods	100.0	5.2	4.4	90.4	63.8	13.9	12.7	40.2	42.1	
Transportation and public utilities	100.0	1.7	6.6	91.7	62.6	12.3	16.8	41.3	43.2	
Wholesale and retail trade	100.0	3.4	26.0	70.6	42.5	12.8	15.3	36.6	43.7	
Finance, insurance, and real estate	100.0	1.9	9.5	88.5	66.6	9.5	12.5	38.9	41.5	
Service industries	100.0	3.5	22.4	74.1	51.9	8.7	13.5	36.2	42.7	
Private households	100.0	13.5	56.4	30.1	21.5	3.5	5.1	21.8	43.2	
All other industries	100.0	2.8	20.0	77.2	54.1	9.1	14.1	37.2	42.7	
Public administration	100.0	1.0	6.5	92.5	70.6	9.5	12.5	40.3	42.1	
Self-employed workers	100.0	4.8	16.4	78.9	30.1	9.7	39.1	43.3	50.3	
Unpaid family workers	100.0	1.3	40.8	57.9	29.7	5.4	22.8	37.3	48.6	

<sup>1</sup>Includes moving not shown separately.

**A-27. Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status**

[Numbers in thousands]

Sex and age, color and marital status	October 1974							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
<b>Total, 16 years and over</b> .....	79,383	2,651	11,340	65,392	43,655	21,737	38.9	43.2
16 to 21 years .....	11,068	639	4,066	6,363	4,786	1,577	31.0	41.3
16 to 19 years .....	6,619	423	3,262	2,934	2,263	671	27.4	41.0
16 to 17 years .....	2,712	111	2,110	491	385	106	20.1	40.5
18 to 19 years .....	3,907	312	1,153	2,442	1,877	565	32.5	41.2
20 years and over .....	72,765	2,228	8,077	62,460	41,394	21,066	40.0	43.3
20 to 24 years .....	11,430	508	1,538	9,384	6,771	2,613	37.8	41.7
25 years and over .....	61,334	1,720	6,539	53,075	34,621	18,454	40.4	43.6
25 to 44 years .....	34,372	930	3,164	30,278	19,366	10,912	40.8	43.7
45 to 64 years .....	24,647	679	2,312	21,656	14,479	7,177	40.7	43.4
65 years and over .....	2,316	111	1,063	1,142	776	366	29.4	43.5
<b>Males, 16 years and over</b> .....	47,597	1,286	3,681	42,630	25,320	17,310	41.9	44.6
16 to 21 years .....	5,787	312	1,951	3,524	2,370	1,154	32.8	42.6
16 to 19 years .....	3,474	201	1,625	1,648	1,144	504	29.0	42.4
16 to 17 years .....	1,434	56	1,061	317	236	81	22.2	42.4
18 to 19 years .....	2,040	146	564	1,330	908	422	33.8	42.4
20 years and over .....	44,123	1,085	2,055	40,983	24,178	16,805	43.0	44.7
20 to 24 years .....	6,209	282	624	5,303	3,408	1,895	39.7	43.1
25 years and over .....	37,914	802	1,432	35,680	20,771	14,909	43.5	44.9
25 to 44 years .....	21,459	435	399	20,625	11,645	8,980	44.3	45.2
45 to 64 years .....	14,995	312	415	14,268	8,590	5,678	43.7	44.7
65 years and over .....	1,460	55	617	788	537	251	30.6	43.0
<b>Females, 16 years and over</b> .....	31,787	1,365	7,659	22,763	18,335	4,428	34.4	40.5
16 to 21 years .....	5,281	327	2,115	2,839	2,416	423	29.1	39.6
16 to 19 years .....	3,145	222	1,637	1,286	1,119	167	25.6	39.3
16 to 17 years .....	1,278	54	1,049	175	150	25	17.7	37.0
18 to 19 years .....	1,867	167	588	1,112	969	143	31.1	39.7
20 years and over .....	28,642	1,143	6,022	21,477	17,215	4,262	35.3	40.6
20 to 24 years .....	5,221	226	914	4,081	3,364	717	35.5	39.9
25 years and over .....	23,421	918	5,107	17,396	13,852	3,544	35.3	40.8
25 to 44 years .....	12,913	495	2,765	9,653	7,721	1,932	35.2	40.4
45 to 64 years .....	9,653	367	1,897	7,389	5,890	1,499	36.2	41.0
65 years and over .....	856	56	446	354	240	114	27.4	44.6
<b>COLOR</b>								
White .....	70,724	2,134	10,308	58,282	37,968	20,314	39.1	43.5
Males .....	42,914	1,048	3,319	38,547	22,248	16,299	42.3	44.9
Females .....	27,810	1,085	6,989	19,736	15,722	4,014	34.3	40.6
Negro and other races .....	8,659	518	1,032	7,109	5,686	1,423	37.2	41.1
Males .....	4,682	238	362	4,082	3,073	1,009	39.1	42.1
Females .....	3,977	280	670	3,027	2,612	415	35.0	39.8
<b>MARITAL STATUS</b>								
<b>Males:</b>								
Married, spouse present .....	35,522	720	1,177	33,625	19,186	14,439	43.7	45.0
Widowed, divorced, or separated .....	2,989	130	197	2,662	1,695	967	41.6	44.3
Single (never married) .....	9,085	437	2,306	6,342	4,439	1,903	35.1	42.6
<b>Females:</b>								
Married, spouse present .....	18,771	728	4,510	13,533	10,960	2,573	34.6	40.3
Widowed, divorced, or separated .....	5,864	279	918	4,667	3,663	1,004	36.7	41.1
Single (never married) .....	7,153	359	2,230	4,564	3,714	850	31.9	40.4

**A-27. Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status—Continued**

[Percent distribution]

Sex and age, color and marital status	October 1974					
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
<b>Total, 16 years and over</b> .....	100.0	3.3	14.3	82.4	55.0	27.4
16 to 21 years .....	100.0	5.8	36.7	57.4	43.2	14.2
16 to 19 years .....	100.0	6.4	49.3	44.3	34.2	10.1
16 to 17 years .....	100.0	4.1	77.8	18.1	14.2	3.9
18 to 19 years .....	100.0	8.0	29.5	62.5	48.0	14.5
20 years and over .....	100.0	3.1	11.1	85.9	56.9	29.0
20 to 24 years .....	100.0	4.4	13.5	82.1	59.2	22.9
25 years and over .....	100.0	2.8	10.7	86.5	56.4	30.1
25 to 44 years .....	100.0	2.7	9.2	88.0	56.3	31.7
45 to 64 years .....	100.0	2.8	9.4	87.8	58.7	29.1
65 years and over .....	100.0	4.8	45.9	49.3	33.3	15.8
<b>Males, 16 years and over</b> .....	100.0	2.7	7.7	89.6	53.2	36.4
16 to 21 years .....	100.0	5.4	33.7	60.9	41.0	19.9
16 to 19 years .....	100.0	5.8	46.8	47.4	32.9	14.5
16 to 17 years .....	100.0	3.9	74.0	22.1	16.5	5.6
18 to 19 years .....	100.0	7.2	27.6	65.2	44.5	20.7
20 years and over .....	100.0	2.5	4.7	92.9	54.8	38.1
20 to 24 years .....	100.0	4.5	10.0	85.4	54.9	30.5
25 years and over .....	100.0	2.1	3.8	94.1	54.8	39.3
25 to 44 years .....	100.0	2.0	1.9	96.1	54.3	41.8
45 to 64 years .....	100.0	2.1	2.8	95.2	57.3	37.9
65 years and over .....	100.0	3.8	42.3	54.0	36.8	17.2
<b>Females, 16 years and over</b> .....	100.0	4.3	24.1	71.6	57.7	13.9
16 to 21 years .....	100.0	6.2	40.0	53.7	45.7	8.0
16 to 19 years .....	100.0	7.1	52.1	40.9	35.6	5.3
16 to 17 years .....	100.0	4.2	82.1	13.7	11.7	2.0
18 to 19 years .....	100.0	8.9	31.5	59.6	31.9	7.7
20 years and over .....	100.0	4.0	21.0	75.0	60.1	14.9
20 to 24 years .....	100.0	4.3	17.5	78.1	64.4	13.7
25 years and over .....	100.0	3.9	21.8	74.2	59.1	15.1
25 to 44 years .....	100.0	3.8	21.4	74.8	59.8	15.0
45 to 64 years .....	100.0	3.8	19.7	76.5	61.0	15.5
65 years and over .....	100.0	6.5	52.1	41.3	28.0	13.3
<b>COLOR</b>						
White .....	100.0	3.0	14.6	82.4	53.7	28.7
Males .....	100.0	2.4	7.7	89.8	51.8	38.0
Females .....	100.0	3.9	25.1	70.9	56.5	14.4
Negro and other races .....	100.0	6.0	11.9	82.1	65.7	16.4
Males .....	100.0	5.1	7.7	87.2	65.6	21.6
Females .....	100.0	7.0	16.8	76.1	65.7	10.4
<b>MARITAL STATUS</b>						
<b>Males:</b>						
Married, spouse present .....	100.0	2.0	3.3	94.6	54.0	40.6
Widowed, divorced, or separated .....	100.0	4.3	6.6	89.1	36.7	32.4
Single (never married) .....	100.0	4.8	25.4	69.8	48.9	20.9
<b>Females:</b>						
Married, spouse present .....	100.0	3.9	24.0	72.1	58.4	13.7
Widowed, divorced, or separated .....	100.0	4.8	15.7	79.6	62.5	17.1
Single (never married) .....	100.0	5.0	31.2	63.8	51.9	11.9

## A-28. Persons at work in nonfarm occupations by full- or part-time status and sex

[Numbers in thousands]

Occupational group and sex	October 1974								
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules				Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 to 48 hours	49 hours or more		
<b>TOTAL</b>									
White-collar workers	40,467	635	5,739	34,093	22,125	4,422	7,546	39.8	43.7
Professional and technical	12,139	158	1,356	10,625	6,667	1,464	2,494	40.7	44.0
Managers and administrators, except farm	8,591	83	414	8,094	3,608	1,255	3,231	46.3	47.9
Sales workers	5,229	129	1,343	3,757	2,120	566	1,071	37.3	44.6
Clerical workers	14,508	265	2,627	11,616	9,729	1,138	749	36.0	40.1
Blue-collar workers	28,326	1,407	2,111	24,808	16,740	3,979	4,089	40.0	42.8
Craft and kindred workers	10,940	396	416	10,128	6,578	1,681	1,869	41.5	43.2
Operatives, except transport	10,037	602	560	8,875	6,506	1,324	1,045	39.5	41.7
Transport equipment operatives	3,131	107	298	2,726	1,444	477	805	42.6	46.0
Nonfarm laborers	4,219	303	838	3,078	2,211	497	370	35.5	42.0
Service workers	11,058	636	3,588	6,834	4,967	832	1,035	33.0	42.5
Private household	1,135	129	662	344	237	46	61	22.1	43.2
Other service workers	9,923	508	2,926	6,489	4,727	786	976	34.2	42.5
<b>Males</b>									
White-collar workers	20,517	214	1,287	19,016	10,091	2,846	6,079	44.1	46.1
Professional and technical	7,227	70	404	6,753	3,960	940	1,853	43.4	45.1
Managers and administrators, except farm	7,037	66	216	6,755	2,800	1,063	2,892	47.4	48.6
Sales workers	3,081	39	345	2,697	1,290	462	945	42.8	46.2
Clerical workers	3,172	40	323	2,809	2,038	382	389	39.3	42.2
Blue-collar workers	23,471	971	1,601	20,899	13,417	3,567	3,915	40.8	43.4
Craft and kindred workers	10,439	366	353	972	6,261	1,620	1,839	41.7	43.3
Operatives, except transport	6,213	239	293	5,681	3,730	1,024	927	41.2	43.1
Transport equipment operatives	2,951	97	192	2,662	1,399	469	794	43.5	46.1
Nonfarm laborers	3,868	269	763	2,836	2,028	453	355	35.7	42.1
Service workers	3,976	123	856	2,997	1,950	422	625	37.7	44.5
Private household	29	3	15	11	9	--	2	22.8	39.6
Other service workers	3,947	120	841	2,986	1,941	422	623	37.8	44.5
<b>Females</b>									
White-collar workers	19,950	422	4,452	15,076	12,033	1,576	1,467	35.4	40.6
Professional and technical	4,912	88	952	3,872	2,707	524	641	36.8	42.0
Managers and administrators, except farm	1,554	17	198	1,339	807	192	340	41.4	44.7
Sales workers	2,148	91	998	1,059	828	104	127	29.4	40.6
Clerical workers	11,336	225	2,304	8,807	7,691	756	360	35.1	39.4
Blue-collar workers	4,856	437	510	3,909	3,324	412	173	36.1	39.5
Craft and kindred workers	501	30	62	409	320	60	29	37.0	40.4
Operatives, except transport	3,824	363	266	3,195	2,777	300	118	36.6	39.3
Transport equipment operatives	180	10	106	64	45	8	11	27.3	42.7
Nonfarm laborers	351	34	75	242	183	44	15	33.2	40.0
Service workers	7,083	514	2,732	3,837	3,015	410	412	30.3	41.0
Private household	1,106	126	647	333	228	46	59	22.1	43.3
Other service workers	5,976	387	2,085	3,504	2,787	364	353	31.9	40.8

## A-28. Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

[Percent distribution]

Occupational group and sex	October 1974						
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
<b>TOTAL</b>							
White collar workers	100.0	1.6	14.2	84.2	54.7	10.9	18.6
Professional and technical	100.0	1.3	11.2	87.5	54.9	12.1	20.5
Managers and administrators, except farm	100.0	1.0	4.8	94.2	42.0	14.6	37.6
Sales workers	100.0	2.5	25.7	71.8	40.5	10.8	20.5
Clerical workers	100.0	1.8	18.1	80.1	67.1	7.8	5.2
Blue collar workers	100.0	5.0	7.5	87.5	59.1	14.0	14.4
Craft and kindred workers	100.0	3.6	3.8	92.6	60.1	15.4	17.1
Operatives, except transport	100.0	6.0	5.6	88.4	64.8	13.2	10.4
Transport equipment operatives	100.0	3.4	9.5	87.0	46.1	15.2	25.7
Nonfarm laborers	100.0	7.2	19.9	73.0	52.4	11.8	8.8
Service workers	100.0	5.8	32.4	61.8	44.9	7.5	9.4
Private household	100.0	11.4	58.3	30.4	20.9	4.1	5.4
Other service workers	100.0	5.1	29.5	65.3	47.6	7.9	9.8
<b>Males</b>							
White collar workers	100.0	1.0	6.3	92.7	49.2	13.9	29.6
Professional and technical	100.0	1.0	5.6	93.4	54.8	13.0	25.6
Managers and administrators, except farm	100.0	.9	3.1	96.0	39.8	15.1	41.1
Sales workers	100.0	1.3	11.2	87.6	41.9	15.0	30.7
Clerical workers	100.0	1.3	20.2	88.5	64.2	12.0	12.3
Blue collar workers	100.0	4.1	6.8	89.1	57.2	15.2	16.7
Craft and kindred workers	100.0	3.5	3.4	93.1	60.0	15.5	17.6
Operatives, except transport	100.0	3.8	4.7	91.4	60.0	16.5	14.9
Transport equipment operatives	100.0	3.3	6.5	90.2	47.4	15.9	26.9
Nonfarm laborers	100.0	7.0	19.7	73.3	52.4	11.7	9.2
Service workers	100.0	3.1	21.5	75.3	49.0	10.6	15.7
Private household	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers	100.0	3.0	21.3	75.7	49.2	10.7	15.8
<b>Females</b>							
White collar workers	100.0	2.1	22.3	75.6	60.3	7.9	7.4
Professional and technical	100.0	1.8	19.4	78.8	55.1	10.7	13.0
Managers and administrators, except farm	100.0	1.1	12.7	86.2	51.9	12.4	21.9
Sales workers	100.0	4.2	46.5	49.2	38.5	4.8	5.9
Clerical workers	100.0	2.0	20.3	77.7	67.8	6.7	3.2
Blue collar workers	100.0	9.0	10.5	80.6	68.5	8.5	3.6
Craft and kindred workers	100.0	6.0	12.4	81.7	63.9	12.0	5.8
Operatives, except transport	100.0	9.5	7.0	83.5	72.6	7.8	3.1
Transport equipment operatives	100.0	5.6	58.9	35.5	25.0	4.4	6.1
Nonfarm laborers	100.0	9.7	21.4	68.9	52.1	12.5	4.3
Service workers	100.0	7.3	38.6	54.2	42.6	5.8	5.8
Private household	100.0	11.4	58.5	30.1	20.6	4.2	5.3
Other service workers	100.0	6.5	34.9	58.6	46.6	6.1	5.9

\* Percent not shown where base is less than 75,000.

## A-29. Employment status of 14-15 year-olds by sex and color

[Numbers in thousands]

Employment status	October 1974								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,414	4,277	4,137	7,128	3,634	3,494	1,286	643	643
Civilian labor force	1,574	860	715	1,460	789	672	114	71	43
Employed	1,379	749	630	1,324	715	609	55	34	21
Agriculture	191	153	38	186	149	37	6	5	1
Nonagricultural industries	1,188	595	592	1,139	566	572	49	29	20
Unemployed	196	111	84	136	74	62	60	38	22
Unemployment rate	12.5	12.9	11.8	9.3	9.4	9.2	52.6	(1)	(1)
Not in labor force	6,839	3,417	3,422	5,668	2,846	2,822	1,171	571	600
Keeping house	36	6	29	30	5	25	6	1	5
Going to school	6,696	3,345	3,351	5,564	2,794	2,769	1,133	551	582
Unable to work	2	3	--	2	2	--	1	1	--
All other reasons	105	62	43	73	44	29	32	18	14

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-30. Employed 14-15 year-olds by sex, class of worker, and major occupational group

Characteristics	October 1974					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total	1,379	749	630	100.0	100.0	100.0
Nonagricultural industries	1,188	595	592	86.1	79.6	94.0
Wage and salary workers	1,090	518	572	79.1	69.2	90.8
Private household workers	462	78	384	33.5	10.4	61.0
Government workers	35	26	9	2.5	3.5	1.4
Other wage and salary workers	594	414	179	43.1	55.3	28.4
Self-employed workers	92	74	19	6.7	9.9	3.0
Unpaid family workers	5	4	1	.4	.5	.2
Agriculture	191	153	38	13.9	20.4	6.0
Wage and salary workers	104	83	21	7.5	11.1	3.3
Self-employed workers	13	13	--	.9	1.7	--
Unpaid family workers	74	57	17	5.4	7.6	2.7
<b>OCCUPATION</b>						
Total	1,379	749	630	100.0	100.0	100.0
White-collar workers	281	213	68	20.4	28.5	10.9
Professional and technical	7	3	4	.5	.4	.6
Managers and administrators, except farm	5	4	2	.4	.5	.3
Sales workers	210	175	35	15.2	23.3	5.5
Clerical workers	59	32	28	4.3	4.3	4.4
Blue-collar workers	247	221	25	17.9	29.6	4.0
Craft and kindred workers	15	14	1	1.1	1.9	.2
Operatives, except transport	49	40	9	3.6	5.3	1.4
Transport equipment operatives	4	3	1	.3	.4	.2
Nonfarm laborers	179	165	14	13.0	22.0	2.2
Service workers	674	175	499	48.9	23.3	79.1
Private household workers	391	10	382	28.4	1.3	60.5
Other service workers	283	165	117	20.5	22.0	18.5
Farm workers	177	139	38	12.8	18.5	6.0
Farmers and farm managers	6	6	--	.4	.8	--
Farm laborers and supervisors	171	133	38	12.4	17.7	6.0





**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-33. Employment status by color, sex, and age, seasonally adjusted**

(Numbers in thousands)

Characteristics	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	79,566	79,673	79,704	80,089	80,122	80,163	80,100	80,488	80,565	80,873	80,765	81,421	81,525
Employed	76,301	76,339	76,223	76,328	76,354	76,498	76,464	76,694	76,738	76,986	76,856	77,108	77,127
Unemployed	3,265	3,334	3,481	3,761	3,768	3,665	3,636	3,794	3,827	3,887	3,909	4,313	4,398
Unemployment rate	4.1	4.2	4.4	4.7	4.7	4.6	4.5	4.7	4.8	4.8	4.8	5.3	5.4
<b>Males, 20 years and over:</b>													
Civilian labor force	44,759	44,777	44,910	45,137	45,078	44,900	44,932	45,118	45,055	45,087	45,253	45,412	45,666
Employed	43,557	43,565	43,625	43,729	43,649	43,534	43,472	43,723	43,633	43,603	43,687	43,809	43,873
Unemployed	1,202	1,212	1,285	1,408	1,429	1,366	1,460	1,395	1,422	1,484	1,566	1,603	1,793
Unemployment rate	2.7	2.7	2.9	3.1	3.2	3.0	3.2	3.1	3.2	3.3	3.5	3.5	3.9
<b>Females, 20 years and over:</b>													
Civilian labor force	26,913	27,022	26,941	26,930	27,117	27,337	27,431	27,483	27,746	28,153	27,990	27,853	27,753
Employed	25,830	25,903	25,751	25,675	25,834	26,053	26,174	26,188	26,418	26,808	26,650	26,380	26,335
Unemployed	1,083	1,119	1,190	1,255	1,283	1,284	1,257	1,295	1,328	1,345	1,340	1,473	1,418
Unemployment rate	4.0	4.1	4.4	4.7	4.7	4.7	4.6	4.7	4.8	4.8	4.8	5.3	5.1
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	7,894	7,874	7,853	8,022	7,927	7,926	7,737	7,887	7,764	7,633	7,522	8,156	8,106
Employed	6,914	6,871	6,847	6,924	6,871	6,911	6,818	6,783	6,687	6,575	6,519	6,919	6,919
Unemployed	980	1,003	1,006	1,098	1,056	1,015	919	1,104	1,077	1,058	1,003	1,237	1,187
Unemployment rate	12.4	12.7	12.8	13.7	13.3	12.8	11.9	14.0	13.9	13.9	13.3	15.2	14.6
<b>NEGRO AND OTHER RACES</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	10,187	10,210	10,300	10,502	10,340	10,283	10,168	10,291	10,286	10,269	10,294	10,440	10,479
Employed	9,333	9,299	9,412	9,515	9,390	9,322	9,285	9,313	9,376	9,301	9,343	9,416	9,335
Unemployed	854	911	888	987	950	961	883	978	910	968	951	1,024	1,144
Unemployment rate	8.4	8.9	8.6	9.4	9.2	9.4	8.7	9.5	8.8	9.4	9.2	9.8	10.9
<b>Males, 20 years and over:</b>													
Civilian labor force	5,148	5,151	5,174	5,240	5,229	5,170	5,134	5,154	5,172	5,115	5,141	5,139	5,162
Employed	4,863	4,869	4,919	4,935	4,882	4,819	4,800	4,831	4,837	4,814	4,815	4,797	4,782
Unemployed	285	282	255	305	347	351	334	323	335	301	326	342	380
Unemployment rate	5.5	5.5	4.9	5.8	6.6	6.8	6.5	6.3	6.5	5.9	6.3	6.7	7.4
<b>Females, 20 years and over:</b>													
Civilian labor force	4,139	4,127	4,195	4,236	4,174	4,160	4,145	4,191	4,167	4,222	4,242	4,299	4,321
Employed	3,816	3,769	3,829	3,852	3,845	3,869	3,865	3,855	3,879	3,884	3,903	3,942	3,901
Unemployed	323	358	366	384	329	291	280	336	288	338	339	357	420
Unemployment rate	7.8	8.7	8.7	9.1	7.9	7.0	6.8	8.0	6.9	8.0	8.0	8.3	9.7
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	900	932	931	1,026	937	955	889	946	947	932	911	1,002	996
Employed	654	661	664	728	663	634	620	627	660	603	625	677	652
Unemployed	246	271	267	298	274	321	269	319	287	329	286	325	344
Unemployment rate	27.3	29.1	28.7	29.0	29.2	33.6	30.3	33.7	30.3	35.3	31.4	32.4	34.5

## A-34. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1973				1974								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total (all civilian workers)	4.6	4.7	4.8	5.2	5.2	5.1	5.0	5.2	5.2	5.3	5.4	5.8	6.0
Males, 20 years and over	3.0	3.0	3.0	3.4	3.5	3.4	3.6	3.4	3.5	3.5	3.8	3.9	4.3
Females, 20 years and over	4.4	4.7	5.0	5.2	5.1	5.0	4.9	5.1	5.1	5.2	5.2	5.7	5.6
Both sexes, 16-19 years	14.0	14.5	14.4	15.6	15.3	15.0	13.8	15.8	15.6	16.2	15.3	16.7	16.9
White	4.1	4.2	4.4	4.7	4.7	4.6	4.5	4.7	4.8	4.8	4.8	5.3	5.4
Negro and other races	8.4	8.9	8.6	9.4	9.2	9.4	8.7	9.5	8.8	9.4	9.2	9.8	10.9
Household heads	2.7	2.8	2.8	3.0	3.0	3.0	3.1	3.0	3.1	3.0	3.1	3.4	3.7
Married men	2.1	2.1	2.2	2.3	2.4	2.4	2.5	2.2	2.6	2.6	2.6	2.8	2.9
Full-time workers	4.1	4.3	4.4	4.7	4.7	4.6	4.6	4.6	4.7	4.8	4.8	5.3	5.6
Part-time workers	7.5	7.3	7.5	8.2	8.4	8.1	7.3	8.8	8.9	8.6	8.7	8.8	8.5
Unemployed 15 weeks and over <sup>1</sup>	.8	.9	.8	.8	.9	.9	.9	1.0	1.0	1.0	1.0	1.1	1.1
State insured <sup>2</sup>	2.6	2.6	2.7	3.1	3.3	3.4	3.4	3.3	3.4	3.4	3.3	3.4	3.6
Labor force time lost <sup>3</sup>	5.1	5.2	5.4	5.7	5.7	5.6	5.7	5.7	5.6	5.7	5.8	6.4	6.5
<b>OCCUPATION</b>													
White collar workers	2.6	2.8	3.1	3.2	3.2	2.8	2.8	3.2	3.1	3.3	3.1	3.5	3.3
Professional and technical	2.2	2.1	2.3	2.5	2.0	1.9	2.2	2.1	1.9	2.1	2.2	2.6	2.3
Managers and administrators, except farm	1.4	1.2	1.4	1.7	1.8	1.5	1.6	1.9	1.8	1.4	1.9	2.0	1.5
Sales workers	3.0	3.3	4.5	4.0	4.2	3.8	3.3	4.2	4.6	4.0	3.7	4.1	4.5
Clerical workers	3.6	4.0	4.3	4.5	4.5	4.0	3.9	4.6	4.4	5.0	4.4	4.9	4.4
Blue collar workers	5.1	5.4	5.2	6.0	6.1	6.1	6.4	5.7	6.2	6.1	6.5	6.8	7.3
Craft and kindred workers	3.5	3.9	3.2	3.8	3.9	3.6	3.9	3.7	4.2	4.2	4.2	4.8	5.0
Operatives	5.4	5.6	5.8	7.0	6.8	7.2	7.1	6.3	6.8	6.3	7.0	7.4	7.9
Nonfarm laborers	8.0	8.6	8.3	8.4	9.3	9.0	10.4	8.8	9.6	10.7	10.7	10.1	10.7
Service workers	5.1	5.9	6.2	5.5	6.1	6.1	5.8	6.7	5.8	6.3	6.2	6.4	6.7
Farm workers	2.5	2.3	2.4	1.9	2.1	2.8	2.7	2.6	2.8	2.9	2.8	2.5	2.6
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>4</sup>	4.5	4.8	5.0	5.3	5.4	5.1	5.3	5.2	5.4	5.4	5.5	6.0	6.1
Construction	9.0	9.1	8.2	9.1	7.9	8.4	10.3	9.6	10.2	10.6	11.1	12.4	12.2
Manufacturing	3.9	4.3	4.3	5.1	5.3	5.2	5.0	4.7	5.2	5.1	5.4	5.8	6.2
Durable goods	3.7	3.6	3.9	5.0	5.1	5.0	5.0	4.5	4.8	4.4	4.8	5.1	5.9
Nondurable goods	4.1	5.3	4.9	5.3	5.7	5.5	5.1	5.0	5.7	6.0	6.4	6.8	6.8
Transportation and public utilities	2.9	3.1	3.1	2.9	3.1	2.8	3.0	3.0	3.2	3.4	3.6	3.4	3.4
Wholesale and retail trade	5.1	5.4	6.1	6.1	6.0	5.8	5.9	6.3	6.1	6.4	6.1	6.6	6.8
Finance and service industries	4.1	4.3	4.6	4.5	4.9	4.4	4.3	4.3	4.3	4.3	4.4	4.8	4.7
Government workers	2.7	2.5	2.5	2.5	2.8	2.8	2.9	3.4	2.8	3.1	2.9	3.1	2.7
Agricultural wage and salary workers	6.7	7.4	6.4	6.3	6.7	7.8	5.2	7.1	7.5	7.8	6.9	6.4	8.3

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.<sup>3</sup> Man hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force man hours.<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment.<sup>4</sup> Includes mining, not shown separately.

## A-35. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1973				1974								
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Less than 5 weeks	2,001	2,243	2,308	2,466	2,427	2,464	2,269	2,520	2,370	2,471	2,493	2,651	2,664
5 to 14 weeks	1,283	1,235	1,270	1,437	1,426	1,388	1,467	1,358	1,462	1,516	1,400	1,691	1,735
15 weeks and over	756	820	740	768	830	815	857	877	939	928	949	1,000	1,018
15 to 26 weeks	431	469	409	440	505	503	528	525	571	550	564	614	636
27 weeks and over	325	351	331	328	325	312	329	352	368	378	385	386	382
Average (mean) duration, in weeks	10.3	10.0	9.3	9.4	9.6	9.4	9.8	9.5	9.8	10.1	10.0	9.6	10.0
<b>Percent distribution</b>													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	49.5	52.2	53.5	52.8	51.8	52.8	49.4	53.0	49.7	50.3	51.5	49.6	49.2
5 to 14 weeks	31.6	28.7	29.4	30.8	30.5	29.7	31.9	28.6	30.6	30.8	28.9	31.7	32.0
15 weeks and over	18.7	19.1	17.1	16.4	17.7	17.5	18.7	18.4	19.7	18.9	19.6	18.7	18.8
15 to 26 weeks	10.7	10.9	9.5	9.4	10.8	10.8	11.5	11.0	12.0	11.2	11.6	11.5	11.7
27 weeks and over	8.0	8.2	7.7	7.0	6.9	6.7	7.2	7.4	7.7	7.7	8.0	7.2	7.1

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-36. Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept.	Oct.
<b>Total, 16 years and over</b> .....	4.6	4.7	4.8	5.2	5.3	5.1	5.0	5.2	5.2	5.3	5.4	5.8	6.0
16 to 19 years .....	14.0	14.5	14.4	15.6	15.3	15.0	13.8	15.8	15.6	16.2	15.3	16.7	16.9
16 to 17 years .....	16.4	17.2	16.7	19.4	17.9	18.4	15.7	18.1	18.4	18.0	17.3	18.2	18.2
18 to 19 years .....	12.1	12.5	12.9	13.3	12.9	12.7	12.5	14.3	12.9	14.7	14.1	16.1	15.7
20 to 24 years .....	6.7	7.2	7.7	8.5	8.6	8.1	8.1	8.6	8.3	8.8	9.5	9.2	8.9
25 years and over .....	2.9	3.0	3.1	3.2	3.3	3.3	3.3	3.2	3.3	3.3	3.3	3.6	4.0
25 to 54 years .....	2.9	3.1	3.3	3.4	3.5	3.4	3.6	3.3	3.5	3.5	3.4	3.8	4.1
55 years and over .....	2.6	2.7	2.6	2.8	2.9	2.7	2.6	2.7	2.7	2.8	3.2	3.1	3.1
<b>Males, 16 years and over</b> .....	3.9	4.0	4.0	4.4	4.5	4.4	4.5	4.4	4.6	4.6	4.7	5.0	5.3
16 to 19 years .....	13.4	14.3	13.6	14.1	14.6	14.4	14.0	14.6	15.6	15.4	15.2	17.1	16.1
16 to 17 years .....	15.6	17.2	16.3	18.8	18.0	17.6	16.3	18.0	18.9	18.4	18.8	17.9	16.9
18 to 19 years .....	11.3	12.1	11.9	11.3	11.6	12.1	12.5	12.2	12.1	12.8	12.7	16.8	15.4
20 to 24 years .....	6.3	6.6	6.7	7.9	8.3	7.9	7.8	8.3	8.1	8.1	9.3	8.9	8.9
25 years and over .....	2.4	2.4	2.4	2.7	2.8	2.7	2.9	2.6	2.7	2.8	2.8	3.0	3.4
25 to 54 years .....	2.2	2.3	2.5	2.7	2.7	2.7	3.0	2.7	2.8	2.8	2.8	3.0	3.5
55 years and over .....	2.7	2.6	2.4	2.6	2.9	2.4	2.3	2.3	2.5	2.7	3.2	2.8	2.7
<b>Females, 16 years and over</b> .....	5.6	5.9	6.2	6.6	6.4	6.2	5.9	6.4	6.3	6.5	6.3	6.9	7.0
16 to 19 years .....	14.8	14.8	15.4	17.3	16.2	15.8	13.5	17.2	15.6	17.2	15.4	16.3	17.8
16 to 17 years .....	17.3	17.2	17.2	20.1	17.7	19.3	14.9	18.2	17.7	17.5	15.3	18.7	20.0
18 to 19 years .....	13.0	13.1	14.0	15.6	14.4	13.4	12.6	16.7	13.8	16.9	15.8	15.3	16.2
20 to 24 years .....	7.3	7.9	8.9	9.3	9.0	8.4	8.4	9.0	8.7	9.6	9.8	9.7	8.9
25 years and over .....	3.8	4.1	4.2	4.2	4.4	4.2	4.1	4.2	4.4	4.2	4.2	4.8	4.8
25 to 54 years .....	4.1	4.4	4.6	4.6	4.8	4.5	4.4	4.4	4.6	4.6	4.5	5.0	5.1
55 years and over .....	2.5	2.7	2.8	3.1	2.9	3.4	3.0	3.2	3.1	2.9	3.2	3.5	3.8

**A-37. Unemployed persons by reason for unemployment, seasonally adjusted**

[Numbers in thousands]

Reason for unemployment	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	1,461	1,664	1,761	2,009	2,052	2,022	2,009	1,886	1,998	2,022	1,988	2,237	2,350
Job leavers .....	678	783	765	732	750	739	722	677	738	764	773	737	859
Reentrants .....	1,253	1,227	1,266	1,252	1,240	1,186	1,263	1,599	1,406	1,454	1,472	1,623	1,449
New entrants .....	612	590	593	682	630	632	549	643	625	675	634	731	779
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	36.5	39.0	40.2	43.0	43.9	44.2	44.2	39.3	41.9	41.1	40.8	42.0	43.2
Job leavers .....	16.9	18.4	17.4	15.7	16.1	16.1	15.9	14.1	15.5	15.5	15.9	13.8	15.8
Reentrants .....	31.3	28.8	28.9	26.8	26.5	25.9	27.8	33.3	29.5	29.6	30.2	30.5	26.7
New entrants .....	15.3	13.8	13.5	14.6	13.5	13.8	12.1	13.4	13.1	13.7	13.0	13.7	14.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	1.6	1.9	2.0	2.2	2.3	2.2	2.2	2.1	2.2	2.2	2.2	2.4	2.6
Job leavers .....	.8	.9	.8	.8	.8	.8	.8	.7	.8	.8	.8	.8	.9
Reentrants .....	1.4	1.4	1.4	1.4	1.4	1.3	1.4	1.8	1.5	1.6	1.6	1.8	1.6
New entrants .....	.7	.7	.7	.8	.7	.7	.6	.7	.7	.7	.7	.8	.8

## A-38. Employed persons by sex and age, seasonally adjusted

(Numbers in thousands)

Sex and age	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
<b>Total, 16 years and over</b> .....	85,649	85,649	85,669	85,783	85,804	85,863	85,777	85,973	86,165	86,312	86,187	86,536	86,511
16 to 19 years .....	7,556	7,520	7,514	7,632	7,553	7,569	7,448	7,414	7,368	7,168	7,153	7,617	7,560
16 to 17 years .....	3,206	3,117	3,116	3,155	3,129	3,116	3,034	3,063	3,051	3,049	2,968	3,208	3,221
18 to 19 years .....	4,361	4,387	4,384	4,486	4,418	4,455	4,391	4,372	4,337	4,121	4,142	4,380	4,350
20 to 24 years .....	11,972	12,000	11,984	11,761	11,816	11,880	11,883	11,957	11,943	11,901	11,879	12,000	12,092
25 years and over .....	66,184	66,131	66,166	66,498	66,443	66,415	66,449	66,633	66,824	67,147	67,138	66,970	66,894
25 to 54 years .....	52,389	52,408	52,451	52,700	52,643	52,571	52,584	52,954	53,108	53,398	53,418	53,304	53,205
55 years and over .....	13,738	13,699	13,723	13,730	13,849	13,813	13,857	13,682	13,687	13,708	13,713	13,695	13,639
<b>Males, 16 years and over</b> .....	52,638	52,584	52,732	52,910	52,717	52,557	52,372	52,630	52,499	52,389	52,445	52,770	52,835
16 to 19 years .....	4,206	4,159	4,173	4,250	4,188	4,178	4,100	4,122	4,016	3,961	3,939	4,151	4,146
16 to 17 years .....	1,835	1,743	1,748	1,779	1,794	1,781	1,721	1,700	1,708	1,670	1,637	1,840	1,820
18 to 19 years .....	2,390	2,413	2,419	2,455	2,391	2,382	2,361	2,421	2,329	2,288	2,282	2,311	2,343
20 to 24 years .....	6,748	6,775	6,821	6,703	6,625	6,600	6,603	6,695	6,638	6,555	6,489	6,659	6,735
25 years and over .....	41,739	41,668	41,719	41,995	41,921	41,785	41,699	41,867	41,820	41,815	41,937	41,971	41,987
25 to 54 years .....	33,029	33,023	33,032	33,262	33,127	33,001	32,903	33,194	33,171	33,151	33,267	33,228	33,173
55 years and over .....	8,652	8,644	8,706	8,710	8,846	8,790	8,802	8,662	8,632	8,637	8,687	8,728	8,756
<b>Females, 16 years and over</b> .....	33,011	33,065	32,937	32,873	33,087	33,306	33,405	33,343	33,666	33,923	33,742	33,766	33,676
16 to 19 years .....	3,350	3,361	3,341	3,382	3,365	3,391	3,348	3,292	3,352	3,207	3,214	3,466	3,414
16 to 17 years .....	1,371	1,374	1,368	1,376	1,335	1,335	1,313	1,363	1,343	1,379	1,331	1,368	1,401
18 to 19 years .....	1,971	1,974	1,965	2,031	2,027	2,073	2,030	1,941	2,008	1,833	1,860	2,069	2,007
20 to 24 years .....	5,224	5,225	5,163	5,058	5,191	5,280	5,280	5,262	5,305	5,346	5,360	5,341	5,358
25 years and over .....	24,445	24,463	24,447	24,503	24,522	24,630	24,750	24,766	25,004	25,332	25,201	24,999	24,907
25 to 54 years .....	19,360	19,385	19,419	19,438	19,516	19,570	19,681	19,760	19,937	20,247	20,151	20,076	20,032
55 years and over .....	5,086	5,055	5,017	5,020	5,003	5,023	5,055	5,020	5,055	5,071	5,026	4,967	4,883

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-39. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Selected categories	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
Total employed	85,649	85,649	85,669	85,811	85,803	85,863	85,775	85,971	86,165	86,312	86,187	86,538	86,511
Household heads	50,403	50,385	50,565	50,807	50,825	50,706	50,738	50,817	50,995	51,054	51,059	50,927	50,999
Married men, spouse present	39,265	39,237	39,252	39,394	39,268	39,025	38,975	39,064	38,933	38,802	38,888	38,874	39,043
Married women, spouse present	19,538	19,462	19,334	19,147	19,224	19,349	19,497	19,505	19,682	19,910	19,887	19,856	19,898
<b>Occupation</b>													
White collar workers	40,921	41,205	41,138	41,399	41,375	41,743	41,601	41,615	42,111	41,953	41,766	42,017	41,951
Professional and technical	11,989	11,980	12,030	12,068	12,350	12,260	12,274	12,248	12,482	12,601	12,572	12,519	12,338
Managers and administrators, except farm	8,761	8,989	9,099	9,186	9,031	8,938	9,009	9,145	9,172	8,932	8,681	8,668	8,872
Sales workers	5,424	5,425	5,254	5,386	5,408	5,462	5,443	5,440	5,375	5,349	5,453	5,583	5,513
Clerical workers	14,747	14,811	14,755	14,759	14,586	15,083	14,875	14,782	15,082	15,071	15,060	15,247	15,228
Blue-collar workers	30,285	30,075	30,101	30,212	29,760	29,773	29,722	30,192	29,664	30,056	29,885	29,867	29,847
Craft and kindred workers	11,336	11,403	11,357	11,444	11,337	11,603	11,534	11,623	11,380	11,621	11,569	11,508	11,486
Operatives	14,488	14,414	14,303	14,187	13,990	13,711	13,973	14,137	13,982	14,283	14,014	13,929	13,799
Nonfarm laborers	4,461	4,258	4,441	4,581	4,433	4,459	4,215	4,432	4,302	4,152	4,302	4,430	4,562
Service workers	11,368	11,230	11,260	11,098	11,177	11,136	11,212	11,129	11,466	11,370	11,644	11,567	11,676
Farm workers	3,025	3,102	3,123	3,326	3,380	3,204	3,128	3,028	2,899	2,968	2,941	3,032	2,982
<b>Major industry and class of worker</b>													
<b>Agriculture:</b>													
Wage and salary workers	1,271	1,340	1,353	1,493	1,469	1,440	1,299	1,320	1,235	1,268	1,341	1,396	1,378
Self-employed workers	1,765	1,790	1,821	1,887	1,919	1,828	1,767	1,740	1,701	1,740	1,723	1,729	1,709
Unpaid family workers	427	420	405	392	429	408	456	398	387	388	380	382	385
<b>Nonagricultural industries:</b>													
Wage and salary workers	76,180	76,123	76,100	75,984	76,031	76,231	76,054	76,132	76,618	76,602	76,739	76,777	76,825
Private households	1,568	1,508	1,542	1,438	1,505	1,403	1,434	1,424	1,408	1,367	1,432	1,408	1,384
Government	13,687	13,690	13,668	13,590	13,844	14,028	14,036	14,065	14,175	14,168	14,017	13,959	13,958
Other	60,925	60,925	60,890	60,956	60,682	60,800	60,584	60,643	61,035	61,067	61,290	61,410	61,483
Self-employed workers	5,476	5,409	5,455	5,399	5,458	5,362	5,636	5,703	5,811	5,805	5,745	5,678	5,739
Unpaid family workers	553	528	473	466	461	520	498	495	491	463	419	548	487
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries	77,352	77,252	77,396	76,801	77,164	76,993	75,696	77,679	77,833	78,050	77,846	78,034	77,929
Full-time schedules	64,242	64,128	64,038	63,847	63,911	63,984	63,378	64,537	64,669	64,750	64,688	64,647	64,426
Part time for economic reasons	2,377	2,405	2,562	2,586	2,754	2,540	2,390	2,746	2,484	2,432	2,511	2,823	2,925
Usually work full time	1,103	1,143	1,192	1,213	1,381	1,249	1,078	1,260	1,209	1,156	1,174	1,257	1,353
Usually work part time	1,274	1,262	1,370	1,373	1,373	1,291	1,312	1,486	1,275	1,276	1,337	1,566	1,572
Part time for noneconomic reasons	10,733	10,719	10,796	10,368	10,499	10,469	9,928	10,396	10,680	10,868	10,647	10,564	10,578

<sup>1</sup> Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

## A-40. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

Numbers in thousands<sup>1</sup>

Employment status	Oct. 1973	Sept. 1974	Oct. 1974	Seasonally adjusted					
				Oct. 1973	June 1974	July 1974	Aug. 1974	Sept. 1974	Oct. 1974
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	5,833	6,237	6,285	5,833	6,140	6,172	6,202	6,237	6,285
Civilian labor force	5,504	5,871	5,950	5,497	5,815	5,799	5,847	5,840	5,958
Employed	5,302	5,606	5,680	5,251	5,511	5,514	5,557	5,538	5,626
Unemployed	202	265	270	246	304	285	290	302	332
Unemployment rate	3.7	4.5	4.5	4.5	5.2	4.9	5.0	5.2	5.6
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,577	1,332	1,327	1,577	1,380	1,364	1,356	1,332	1,327
Civilian labor force	1,423	1,168	1,185	1,431	1,238	1,226	1,209	1,170	1,201
Employed	1,328	1,047	1,071	1,314	1,113	1,108	1,071	1,025	1,060
Unemployed	95	121	114	117	125	118	138	145	141
Unemployment rate	6.7	10.4	9.6	8.2	10.1	9.6	11.5	12.4	11.7
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,139	3,461	3,377	3,139	3,423	3,435	3,447	3,461	3,577
Civilian labor force	2,984	3,291	3,315	2,974	3,267	3,242	3,271	3,272	3,314
Employed	2,905	3,174	3,189	2,874	3,122	3,102	3,153	3,146	3,154
Unemployed	79	117	126	100	145	140	118	126	160
Unemployment rate	2.6	3.6	3.8	3.4	4.4	4.3	3.6	3.8	4.8
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,117	1,444	1,481	1,117	1,337	1,373	1,409	1,444	1,481
Civilian labor force	1,097	1,412	1,450	1,092	1,310	1,331	1,367	1,398	1,443
Employed	1,069	1,385	1,420	1,063	1,276	1,304	1,333	1,367	1,412
Unemployed	28	27	30	29	34	27	34	31	31
Unemployment rate	2.6	1.9	2.1	2.7	2.6	2.0	2.5	2.2	2.1
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years<sup>1</sup></b>									
Civilian noninstitutional population <sup>2</sup>	14,626	15,188	15,239	14,626	14,952	15,009	15,109	15,188	15,239
Civilian labor force	13,153	13,811	13,763	13,227	13,494	13,439	13,597	13,838	13,876
Employed	12,657	13,079	12,971	12,669	12,768	12,697	12,743	13,052	12,985
Unemployed	496	732	792	558	726	742	854	786	891
Unemployment rate	3.8	5.3	5.8	4.2	5.3	5.5	6.3	5.7	6.4
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	6,812	7,173	7,200	6,812	7,042	7,071	7,118	7,173	7,200
Civilian labor force	5,663	6,122	6,069	5,751	5,952	5,863	5,944	6,147	6,172
Employed	5,361	5,640	5,604	5,122	5,306	5,304	5,398	5,657	5,666
Unemployed	302	482	465	329	646	559	546	490	506
Unemployment rate	5.3	7.9	7.7	5.7	7.5	7.4	9.2	8.0	8.2
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,155	4,143	4,162	4,155	4,081	4,099	4,123	4,143	4,162
Civilian labor force	3,956	3,947	3,961	3,914	3,871	3,869	3,915	3,937	3,965
Employed	3,826	3,803	3,755	3,788	3,694	3,715	3,748	3,773	3,718
Unemployed	130	144	206	126	177	154	167	164	247
Unemployment rate	3.3	3.6	5.2	3.2	4.6	4.0	4.3	4.2	6.2
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,659	3,872	3,877	3,659	3,829	3,839	3,868	3,872	3,877
Civilian labor force	3,534	3,742	3,733	3,532	3,671	3,707	3,738	3,754	3,739
Employed	3,470	3,636	3,612	3,459	3,568	3,578	3,597	3,622	3,601
Unemployed	64	106	121	73	103	129	141	132	138
Unemployment rate	1.8	2.8	3.2	2.1	2.8	3.5	3.8	3.5	3.7

<sup>1</sup> Vietnam era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers





**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>
	<b>TOTAL</b> .....	76,238	76,914	77,154	77,689	77,980	-	-	-	-	-
	<b>PRIVATE SECTOR</b> .....	62,819	63,059	63,672	63,660	63,556	52,063	52,286	52,586	52,594	52,482
	<b>MINING</b> .....	641	640	685	680	675	490	489	522	518	514
	<b>METAL MINING</b> .....	92.5	92.5	96.2	97.3	-	73.5	73.2	75.2	77.8	-
101	Iron ores .....	21.9	21.7	22.9	22.2	-	17.9	17.7	18.7	18.1	-
102	Copper ores .....	43.0	43.2	42.7	44.5	-	34.3	34.4	32.8	36.0	-
	<b>COAL MINING</b> .....	162.3	162.1	176.1	175.3	-	139.2	139.3	150.8	149.4	-
11,12	Bituminous coal and lignite mining .....	158.7	158.6	172.9	172.0	-	136.1	136.3	147.9	146.0	-
	<b>OIL AND GAS EXTRACTION</b> .....	265.4	264.9	289.2	285.3	-	178.8	178.1	196.6	192.3	-
131,2	Crude petroleum and natural gas fields .....	132.1	131.1	140.5	137.1	-	67.6	66.5	71.0	68.2	-
138	Oil and gas field services .....	133.3	133.8	148.7	148.2	-	111.2	111.6	125.6	124.1	-
	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	120.7	120.3	123.1	121.7	-	98.4	98.4	99.6	98.1	-
142	Crushed and broken stone .....	43.2	43.2	44.4	44.2	-	36.2	36.1	36.8	36.5	-
144	Sand and gravel .....	41.5	41.2	40.8	39.8	-	-	-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> .....	3,944	3,923	3,872	3,770	3,724	3,299	3,272	3,205	3,117	3,074
	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,155.8	1,147.0	1,123.4	1,081.7	-	953.9	944.3	918.8	888.0	-
	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	867.0	855.8	865.9	848.3	-	747.4	733.9	743.2	726.1	-
161	Highway and street construction .....	410.0	397.3	402.5	390.4	-	365.5	352.5	356.2	344.5	-
162	Heavy construction, nec .....	457.0	458.5	463.3	457.9	-	381.9	381.4	387.0	381.6	-
	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,921.6	1,920.2	1,882.3	1,839.5	-	1,597.7	1,593.7	1,543.1	1,503.3	-
171	Plumbing, heating, air conditioning .....	477.1	474.8	453.4	449.3	-	380.8	379.2	354.8	351.0	-
172	Painting, paper hanging, decorating .....	141.9	139.9	149.0	140.6	-	125.2	122.4	131.3	122.3	-
173	Electrical work .....	352.0	354.1	352.9	348.4	-	285.9	287.2	284.4	280.2	-
174	Masonry, stonework, and plastering .....	215.0	216.5	199.0	192.7	-	193.5	195.1	176.6	171.7	-
176	Roofing and sheet metal work .....	130.7	132.3	132.2	131.0	-	108.9	109.8	108.8	108.0	-
	<b>MANUFACTURING</b> .....	20,132	20,168	20,060	20,130	19,917	14,841	14,866	14,658	14,752	14,553
	<b>DURABLE GOODS</b> .....	11,801	11,856	11,730	11,825	11,739	8,681	8,725	8,522	8,633	8,537
	<b>NONDURABLE GOODS</b> .....	8,331	8,312	8,330	8,305	8,178	6,160	6,141	6,136	6,119	5,996
	<b>DURABLE GOODS</b>										
	<b>ORDNANCE AND ACCESSORIES</b> .....	191.8	190.6	194.9	196.2	196.1	97.7	97.0	94.8	97.3	97.1
192	Ammunition, except for small arms .....	133.6	134.0	135.5	134.5	134.5	61.7	62.3	59.4	59.4	59.5
1925	Complete guided missiles .....	95.4	95.7	104.9	104.3	-	31.3	31.9	35.3	35.7	-
1929	Ammunition, exc. for small arms, nec .....	38.2	38.3	30.6	30.2	-	30.4	30.4	23.7	23.7	-
	<b>LUMBER AND WOOD PRODUCTS</b> .....	642.6	641.2	648.8	631.6	616.0	555.3	552.8	554.1	537.9	522.1
241	Logging camps and logging contractors .....	75.1	76.4	84.3	82.0	81.0	-	-	-	-	-
242	Sawmills and planing mills .....	221.0	220.4	220.7	212.9	(*)	201.2	199.7	198.8	190.9	(*)
2421	Sawmills and planing mills, general .....	188.1	187.4	188.9	181.1	-	171.6	170.1	170.2	162.5	-
243	Millwork, plywood and related products .....	218.1	214.9	214.8	209.2	(*)	181.8	178.7	177.2	172.1	(*)
2431	Millwork .....	92.6	92.1	90.7	88.4	-	75.8	75.3	73.2	71.0	-
2432	Veneer and plywood .....	87.2	86.0	87.2	85.0	-	76.9	75.7	76.8	74.9	-
244	Wooden containers .....	28.3	28.0	25.7	25.6	25.2	25.4	25.1	22.9	22.8	22.2
2441,2	Wooden boxes, shooks, and crates .....	22.7	22.4	20.8	20.2	-	20.5	20.2	18.7	18.2	-
249	Miscellaneous wood products .....	100.1	101.5	103.3	101.9	99.8	83.0	84.0	84.7	83.4	81.8

See footnotes at end of table.

## B-2. Employees on nonagricultural payrolls, by industry—Continued

In thousands

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 P	Oct. 1974 P	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 P	Oct. 1974 P
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	528.4	534.4	519.3	513.0	509.7	436.7	440.5	426.6	421.1	415.3
251	Household furniture .....	381.9	385.1	372.3	367.6	(*)	323.8	326.0	314.2	309.7	(*)
2511	Wood household furniture .....	190.2	191.9	190.7	188.1	-	167.2	168.6	167.7	164.8	-
2512	Upholstered household furniture .....	109.0	109.8	104.1	102.1	-	91.1	91.7	86.1	84.4	-
2515	Mattresses and bedsprings .....	40.2	40.0	36.5	36.1	-	31.1	30.7	27.7	27.6	-
252	Office furniture .....	42.0	42.9	43.7	44.0	-	33.5	34.1	34.9	35.4	-
254	Partitions and fixtures .....	55.7	56.3	56.6	55.5	-	42.6	43.1	43.1	42.2	-
253.9	Other furniture and fixtures .....	48.8	50.1	46.7	45.9	46.1	36.8	37.3	34.4	33.8	33.9
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	708.8	709.4	709.1	697.3	687.7	567.8	569.9	569.9	560.2	552.0
321	Flat glass .....	26.9	26.9	24.8	22.9	-	19.5	19.6	17.5	15.9	-
322	Glass and glassware, pressed or blown .....	140.7	141.1	140.7	139.6	136.3	121.1	121.7	121.6	120.7	117.9
3221	Glass containers .....	78.3	77.9	78.1	76.7	-	68.8	68.6	69.2	67.8	-
3229	Pressed and blown glass, nec .....	62.4	63.2	62.6	62.9	-	52.3	53.1	52.4	52.9	-
324	Cement, hydraulic .....	34.1	34.0	31.8	34.2	33.8	26.7	26.6	27.6	27.1	26.7
325	Structural clay products .....	61.5	61.0	60.1	59.2	(*)	51.0	50.7	49.9	48.7	(*)
3251	Brick and structural clay tile .....	27.3	26.9	26.2	25.4	-	23.5	23.1	22.4	21.6	-
326	Pottery and related products .....	48.5	48.7	49.6	49.8	-	41.5	41.7	42.3	42.3	-
327	Concrete, gypsum, and plaster products .....	212.8	212.1	213.2	206.0	204.4	167.4	167.3	168.6	162.0	160.4
328.9	Other stone and nonmetallic mineral products .....	146.9	148.2	150.9	150.1	149.5	111.6	113.4	115.8	116.1	115.6
3291	Abasive products .....	30.6	31.0	31.7	31.0	-	21.9	22.3	23.0	22.4	-
33	<b>PRIMARY METAL INDUSTRIES</b> .....	1,331.0	1,332.3	1,335.4	1,333.7	1,328.9	1,071.8	1,072.5	1,064.7	1,065.2	1,057.9
331	Blast furnace and basic steel products .....	616.5	612.3	618.5	613.3	(*)	496.5	492.5	493.3	489.8	(*)
3312	Blast furnaces and steel mills .....	530.5	527.2	532.1	527.3	-	428.5	425.4	425.4	421.9	-
332	Iron and steel foundries .....	238.7	240.5	243.0	245.7	247.4	200.9	202.7	202.6	205.0	206.2
3321	Gray iron foundries .....	153.3	154.3	152.1	154.1	-	130.8	132.0	129.3	131.4	-
3322	Malleable iron foundries .....	26.2	26.3	25.7	25.7	-	22.3	22.3	20.4	20.1	-
3323	Steel foundries .....	59.2	59.9	65.2	65.9	-	47.8	48.4	52.9	53.5	-
333.4	Nonferrous metals .....	86.4	86.5	88.4	90.8	90.3	67.0	66.9	67.8	70.6	69.8
3334	Primary aluminum .....	31.4	31.2	33.8	33.8	-	25.6	25.5	27.5	27.6	-
335	Nonferrous rolling and drawing .....	219.1	221.1	214.1	213.6	210.4	166.7	168.2	159.5	159.2	155.7
3351	Copper rolling and drawing .....	40.5	41.2	40.7	38.8	-	31.2	31.8	30.6	29.2	-
3352	Aluminum rolling and drawing .....	71.0	71.1	67.4	67.6	-	53.1	52.8	48.0	48.1	-
3357	Nonferrous wire drawing and insulating .....	85.7	86.8	83.6	84.9	-	66.2	67.3	64.4	65.6	-
336	Nonferrous foundries .....	95.7	96.3	95.4	94.7	93.8	80.8	81.2	80.4	80.0	78.6
3361	Aluminum castings .....	50.5	51.0	51.0	50.4	-	43.1	43.5	43.6	43.3	-
3362.9	Other nonferrous castings .....	45.2	45.3	44.4	44.3	-	37.7	37.7	36.8	36.7	-
339	Miscellaneous primary metal products .....	74.6	75.6	76.0	75.6	75.3	59.9	61.0	61.1	60.6	60.5
3391	Iron and steel forgings .....	48.5	49.3	49.3	48.5	-	39.4	40.3	40.1	39.2	-
34	<b>FABRICATED METAL PRODUCTS</b> .....	1,467.4	1,476.1	1,458.0	1,466.2	1,454.6	1,134.6	1,141.6	1,117.6	1,126.7	1,114.5
341	Metal cans .....	68.4	67.6	68.6	67.5	65.2	59.0	58.0	59.3	58.4	56.0
342	Cutlery, hand tools, and hardware .....	165.3	168.9	167.4	167.6	167.3	130.1	133.7	130.5	131.1	131.1
3421.3.5	Cutlery and hand tools, including saws .....	71.9	73.3	77.3	76.5	-	57.1	58.5	60.6	60.0	-
3429	Hardware, nec .....	93.4	95.6	90.1	91.1	-	73.0	75.2	69.9	71.1	-
343	Plumbing and heating, except electric .....	83.6	82.7	75.1	71.7	(*)	64.2	63.0	55.5	52.7	(*)
3431.2	Sanitary ware and plumbers' brass goods .....	39.0	38.4	35.3	33.3	-	31.5	30.8	27.5	25.5	-
3433	Heating equipment, except electric .....	44.6	44.3	39.8	38.4	-	32.7	32.2	28.0	27.2	-
344	Fabricated structural metal products .....	461.8	466.9	467.8	466.4	461.7	332.7	336.8	333.9	332.2	326.5
3441	Fabricated structural steel .....	104.4	106.2	106.1	106.7	-	75.9	77.8	77.5	77.8	-
3442	Metal doors, sash, and trim .....	78.6	79.1	75.1	72.8	-	58.5	58.7	55.0	53.2	-
3443	Fabricated plate work (bender shops) .....	121.5	123.6	127.7	129.1	-	83.5	84.9	85.8	86.2	-
3444	Sheet metal work .....	94.9	94.5	95.4	94.8	-	69.6	70.1	70.8	70.5	-
3446.9	Architectural and miscellaneous metal work .....	63.4	63.5	63.5	63.0	-	45.2	45.3	44.8	44.5	-
345	Screw machine products, bolts, etc. ....	104.6	105.4	109.5	109.8	110.4	83.7	84.5	87.5	87.9	88.2
3451	Screw machine products .....	47.1	47.9	48.7	48.7	-	39.5	40.4	40.9	40.9	-
3452	Bolts, nuts, rivets, and washers .....	57.5	57.5	60.8	61.1	-	44.2	44.1	46.6	47.0	-
346	Metal stampings .....	252.5	253.8	234.1	246.6	247.1	206.7	208.0	190.2	202.8	203.5
347	Metal services, nec .....	95.2	95.2	94.8	95.0	95.4	79.3	79.5	78.9	78.9	79.3
348	Miscellaneous fabricated wire products .....	71.6	71.1	70.8	70.7	(*)	57.9	57.3	57.2	56.9	(*)
349	Miscellaneous fabricated metal products .....	164.4	164.5	169.9	170.9	170.2	121.0	120.8	124.6	125.8	125.2
3494.8	Valves, pipe, and pipe fittings .....	103.4	104.0	108.7	110.5	-	72.7	73.0	75.8	77.9	-

See footnotes at end of table.



## B-2. Employees on nonagricultural payrolls, by industry—Continued

In thousands:

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
3732	Boat building and repairing .....	45.4	46.0	42.0	42.3		37.5	37.8	34.2	34.4	
374	Railroad equipment .....	54.4	54.7	53.7	54.5		41.9	42.5	41.6	42.0	
375.9	Other transportation equipment .....	160.2	154.4	147.2	138.1		130.0	124.8	117.4	110.8	
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	503.9	507.5	531.8	529.2	525.3	312.2	314.9	331.8	330.1	327.2
381	Engineering and scientific instruments .....	70.6	70.8	74.9	74.7		36.5	36.6	38.6	38.5	
382	Mechanical measuring and control devices .....	112.4	112.6	115.0	115.3	(*)	72.8	73.1	75.6	75.4	(*)
3821	Mechanical measuring devices .....	69.7	70.2	74.4	74.0		42.6	43.0	46.7	46.2	
3822	Automatic temperature controls .....	42.7	42.4	40.6	41.3		30.2	30.1	28.9	29.2	
383.5	Optical and optoelectronic goods .....	63.0	63.6	66.3	66.8	66.4	44.4	44.8	46.4	46.7	46.2
385	Ophthalmic goods .....	43.5	44.0	44.7	44.6		33.0	33.2	33.3	33.2	
384	Medical instruments and supplies .....	100.4	101.3	110.8	110.4	109.3	67.5	68.3	75.4	75.4	74.7
386	Photographic equipment and supplies .....	122.4	123.6	129.1	126.3	125.5	62.1	62.8	66.7	64.9	64.6
387	Watches, clocks, and watchcases .....	35.1	35.6	35.7	35.7		28.9	29.3	29.1	29.2	
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	<b>INDUSTRIES</b> .....	451.2	459.4	448.7	450.0	447.9	354.6	362.5	353.9	354.8	352.2
391	Jewelry, silverware, and plated ware .....	56.1	57.2	55.0	55.7	56.6	41.3	42.7	40.6	41.1	41.8
394	Toys and sporting goods .....	134.5	138.6	137.0	138.4		110.2	113.9	113.3	114.7	
3941.3	Games, toys, dolls, and play vehicles .....	75.6	78.4	75.9	77.4		62.3	65.1	63.2	64.7	
3949	Sporting and athletic goods, nec .....	58.9	60.2	61.1	61.0		47.9	48.8	50.1	50.0	
395	Press, prints, offset, and art supplies .....	35.9	36.2	38.0	37.5		25.8	26.1	27.6	27.1	
396	Costume jewelry and notions .....	55.1	56.0	51.5	52.5		45.4	45.9	42.0	42.7	
393.9	Other manufacturing industries .....	169.6	171.4	167.2	165.9	(*)	131.9	133.9	130.4	129.2	(*)
393	Musical instruments and parts .....	25.2	25.5	25.7	25.9		21.1	21.5	21.6	21.6	
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,840.7	1,804.8	1,857.6	1,858.0	1,787.3	1,273.6	1,239.3	1,296.2	1,300.4	1,233.3
201	Meat products .....	330.6	336.8	344.0	340.7	341.4	271.1	276.7	283.0	280.4	280.4
2011	Meat packing plants .....	166.1	170.6	176.2	176.2		131.2	135.7	141.1	141.4	
2013	Sausages and other prepared meats .....	58.3	59.3	58.9	59.0		42.2	42.9	42.0	42.0	
2015	Poultry dressing plants .....	106.2	106.9	108.9	105.5		97.7	98.1	99.9	97.0	
202	Dairy products .....	217.4	214.0	211.8	208.7	205.7	108.9	106.3	109.2	106.8	104.3
2024	Ice cream and frozen desserts .....	23.4	22.4	25.4	23.5		13.5	12.2	14.5	13.1	
2026	Fluid milk .....	148.8	147.0	140.6	139.6		61.0	59.9	59.8	59.1	
203	Canned, cured, and frozen foods .....	388.4	334.5	402.0	415.8		338.1	285.8	354.4	367.6	
2031.6	Canned, cured, and frozen sea foods .....	45.3	45.6	46.8	45.8		39.7	39.8	40.6	39.9	
2032.3	Canned food, except sea foods .....	220.6	166.6	235.3	251.5		190.6	137.8	209.5	224.6	
2037	Frozen fruits and vegetables .....	84.0	80.9	74.3	75.2		76.0	73.5	66.2	67.6	
204	Grain mill products .....	139.2	141.5	140.7	140.1	138.8	98.5	100.8	99.2	98.3	97.3
2041	Flour and other grain mill products .....	28.5	28.6	29.4	29.4		20.0	20.3	20.9	20.9	
2042	Prepared feeds for animals and fowls .....	69.1	70.1	70.9	70.2		46.1	47.0	47.4	46.6	
205	Bakery products .....	270.1	270.5	267.9	266.8	(*)	154.8	155.0	153.9	153.5	(*)
2051	Bread, cake, and related products .....	224.9	225.6	223.5	222.5		119.7	120.1	119.4	118.9	
2052	Cookies and crackers .....	45.2	44.9	44.4	44.3		35.1	34.9	34.5	34.6	
206	Sugar .....	33.9	43.8	33.3	35.4		25.7	35.5	25.0	26.9	
207	Confectionery and related products .....	80.4	82.5	77.4	79.4	(*)	64.1	65.6	60.6	61.8	(*)
2071	Confectionery products .....	62.7	64.8	59.8	61.9		50.9	52.4	47.5	49.0	
208	Beverages .....	233.4	231.6	232.3	225.0	223.0	116.3	115.1	114.9	111.1	109.7
2082	Malt liquors .....	52.7	51.6	52.2	51.0		35.1	33.7	35.2	34.2	
2086	Bottled and canned soft drinks .....	131.4	128.4	133.1	127.5		50.2	48.1	50.7	48.3	
209	Miscellaneous foods and kindred products .....	147.3	149.6	148.2	146.1	147.1	96.1	98.5	96.0	94.0	96.1
21	<b>TOBACCO MANUFACTURES</b> .....	81.7	81.5	78.7	80.4	80.5	68.6	68.6	65.8	67.2	67.2
211	Cigarettes .....	46.2	46.2	45.7	45.0		37.7	37.8	37.2	36.6	
212	Cigars .....	13.1	13.2	12.2	12.4		11.7	11.8	10.9	10.8	
22	<b>TEXTILE MILL PRODUCTS</b> .....	1,026.5	1,027.1	1,007.0	997.2	975.7	901.1	901.6	880.9	872.1	852.2
221	Weaving mills, cotton .....	202.1	203.3	203.1	203.6	(*)	182.8	184.2	183.3	183.7	(*)
222	Weaving mills, synthetics .....	109.0	109.6	109.8	108.3	107.8	96.9	97.6	97.5	96.3	95.4
223	Weaving and finishing mills, wool .....	28.2	28.0	26.3	25.8	25.0	24.0	23.8	21.9	21.4	20.7
224	Narrow fabric mills .....	30.9	21.0	28.8	28.1	(*)	27.7	27.8	25.4	24.7	(*)
225	Knitting mills .....	277.5	276.9	275.6	272.4	269.6	241.3	240.8	239.6	236.5	234.0
2251	Women's hosiery, except socks .....	51.8	51.5	49.0	48.7		45.7	45.5	43.2	42.9	
2252	Hosiery, nec .....	36.3	36.5	36.5	35.9		32.2	32.3	32.4	31.9	
2253	Knit outerwear mills .....	86.3	85.9	87.6	87.3		73.9	73.5	74.9	74.3	
2254	Knit underwear mills .....	35.9	36.1	38.1	37.8		31.7	32.0	34.0	33.8	

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 P	Oct. 1974 P	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 P	Oct. 1974 P
<b>NONDURABLE GOODS—Continued</b>											
<b>TEXTILE MILL PRODUCTS—Continued</b>											
226	Textile finishing, except wool	85.7	85.2	81.5	80.1	(*)	72.7	71.9	68.5	67.3	(*)
227	Floor covering mills	67.2	67.7	63.4	63.5	-	54.7	54.9	51.3	51.7	-
228	Yarn and thread mills	152.1	152.3	149.9	146.9	(*)	140.1	140.4	137.1	134.3	(*)
229	Miscellaneous textile goods	73.8	73.1	68.6	68.5	67.2	60.9	60.2	56.3	56.2	54.8
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,349.3	1,353.4	1,285.0	1,282.3	1,272.2	1,171.1	1,174.7	1,108.2	1,106.5	1,097.4
231	Men's and boys' suits and coats	106.9	105.9	100.0	98.6	98.7	93.1	92.0	87.6	86.3	86.7
232	Men's and boys' furnishings	387.8	387.2	378.4	374.4	374.8	335.6	334.5	324.7	321.9	322.5
2321	Men's and boys' shirts and nightwear	117.6	117.0	116.9	116.7	-	103.7	103.0	103.0	102.6	-
2327	Men's and boys' separate trousers	84.4	84.1	82.0	80.3	-	74.7	74.5	71.7	70.7	-
2328	Men's and boys' work clothing	86.2	86.3	81.2	79.5	-	72.3	71.8	66.3	65.4	-
233	Women's and misses' outerwear	399.9	401.4	373.4	374.7	(*)	353.9	355.2	327.8	328.9	(*)
2331	Women's and misses' blouses and waists	43.3	43.4	41.6	41.2	-	38.5	38.7	36.5	36.1	-
2335	Women's and misses' dresses	188.2	188.3	171.0	171.7	-	169.5	169.2	153.1	154.0	-
2337	Women's and misses' suits and coats	68.6	67.4	64.3	65.2	-	60.0	59.1	55.8	55.9	-
2339	Women's and misses' outerwear, nec.	99.8	102.3	96.5	96.6	-	85.0	88.2	82.4	82.9	-
234	Women's and children's undergarments	110.7	111.6	106.6	106.0	105.2	95.0	95.7	91.1	90.5	89.7
2341	Women's and children's underwear	80.8	81.3	78.8	77.8	-	70.5	70.8	68.4	67.5	-
2342	Corsets and allied garments	29.9	30.3	27.8	28.2	-	24.5	24.9	22.7	23.0	-
235	Hats, caps, and millinery	16.0	16.1	17.1	17.4	-	13.9	14.2	15.3	15.7	-
236	Children's outerwear	74.0	74.3	71.9	71.5	71.0	64.6	65.1	62.4	62.1	62.0
2361	Children's dresses and blouses	30.7	31.1	29.5	29.6	-	27.6	28.1	26.6	26.7	-
237,8	Fur goods and miscellaneous apparel	71.0	71.4	69.5	69.6	-	61.0	61.5	59.4	59.7	-
239	Miscellaneous fabricated textile products	183.0	185.5	168.1	170.1	(*)	154.0	156.5	139.9	141.4	(*)
2391,2	Housefurnishings	72.5	72.9	63.9	64.4	-	61.6	62.2	53.8	54.0	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	722.3	724.9	730.6	729.3	712.8	561.1	563.3	564.8	561.3	545.0
261,2,6	Paper and pulp mills	210.8	209.7	214.7	213.9	(*)	164.0	162.9	167.4	166.6	(*)
263	Paperboard mills	71.6	71.3	73.8	73.5	73.0	57.7	57.3	59.6	58.9	58.4
264	Miscellaneous converted paper products	207.7	209.2	212.7	214.3	(*)	154.2	155.7	157.0	157.5	(*)
2643	Bags, except textile bags	46.5	47.4	47.1	47.9	-	38.2	39.0	38.3	39.0	-
265	Paperboard containers and boxes	232.2	234.7	229.4	227.6	(*)	185.2	187.5	180.8	178.9	(*)
2651,2	Folding and setup paperboard boxes	61.9	62.6	60.2	60.0	-	51.1	51.9	49.2	48.8	-
2653	Corrugated and solid fiber boxes	114.9	116.0	112.5	110.9	-	88.2	89.1	85.2	83.8	-
2654	Sanitary food containers	33.2	33.5	33.3	33.4	-	27.5	27.8	27.4	27.5	-
27	<b>PRINTING AND PUBLISHING</b>	1,095.2	1,101.1	1,106.0	1,106.4	1,108.6	660.0	664.5	663.4	663.9	664.2
271	Newspapers	380.7	381.9	380.5	381.3	381.3	179.3	179.3	173.2	174.5	174.3
272	Periodicals	68.4	69.4	70.3	69.7	-	20.1	20.2	19.9	19.6	-
273	Books	99.0	99.7	108.3	106.9	-	52.7	53.0	59.9	59.1	-
275	Commercial printing	347.0	348.8	347.3	349.9	351.7	205.5	207.6	205.5	207.3	207.3
2751	Commercial printing, except lithographic	203.4	204.0	202.5	205.5	-	158.6	159.9	157.9	159.8	-
2752	Commercial printing, lithographic	133.4	133.7	133.9	133.6	-	99.4	99.9	99.7	99.7	-
278	Blankbooks and bookbinding	56.6	56.5	56.0	55.4	54.5	47.2	47.2	47.3	46.8	46.4
274,6,7,9	Other publishing and printing ind.	143.5	145.3	143.6	143.2	144.7	95.2	97.2	97.6	96.6	98.2
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	1,038.9	1,041.0	1,070.6	1,069.7	1,064.2	605.5	607.9	624.7	625.2	619.3
281	Industrial chemicals	309.2	309.9	321.3	326.1	326.4	167.3	167.8	171.3	176.5	176.5
2812	Alkalies and chlorine	20.7	20.4	21.7	21.7	-	14.3	14.3	15.4	15.5	-
2818	Industrial organic chemicals, nec.	127.5	128.3	131.6	136.9	-	55.9	56.2	54.6	59.9	-
2819	Industrial inorganic chemicals, nec.	98.5	97.9	103.0	102.9	-	56.4	55.8	59.3	59.4	-
282	Plastics materials and synthetics	231.9	232.2	237.2	233.8	230.8	158.8	159.3	164.0	161.1	157.7
2821	Plastics materials and resins	94.7	94.5	97.8	95.6	-	59.5	59.4	61.6	60.0	-
2823,4	Synthetic fibers	125.2	125.6	127.0	125.8	-	91.2	91.7	93.8	92.6	-
283	Drugs	150.4	151.2	159.1	158.0	156.9	75.1	75.9	80.5	79.6	78.7
2834	Pharmaceutical preparations	120.8	121.3	128.2	127.0	-	58.7	59.3	63.0	61.9	-
284	Soap, cleaners, and toilet goods	131.2	130.4	131.6	131.2	131.1	75.6	75.0	76.5	76.9	77.0
2841	Soap and other detergents	40.1	39.2	39.5	39.2	-	26.7	26.0	26.5	26.2	-
2844	Toilet preparations	56.9	56.9	57.8	58.4	-	31.4	31.4	32.8	33.7	-
285	Paints and allied products	70.5	70.0	70.8	69.5	68.6	39.5	39.1	39.6	38.2	37.5
287	Agricultural chemicals	54.3	56.0	60.8	62.1	63.2	32.3	33.9	37.4	38.1	39.1
2871,2	Fertilizers, complete and mixing only	37.0	38.3	41.1	42.5	-	24.0	25.3	27.7	28.4	-
286,9	Other chemical products	91.4	91.3	89.8	89.0	87.2	56.9	56.9	55.4	54.8	52.8
2892	Explosives	22.9	22.7	21.7	21.5	-	15.0	14.9	14.4	14.3	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	191.9	190.9	197.5	194.0	193.2	122.3	121.0	126.2	123.3	122.6
291	Petroleum refining	150.3	149.8	154.7	152.3	152.0	91.3	90.7	94.6	92.7	92.7
295,9	Other petroleum and coal products	41.6	41.1	42.8	41.7	41.2	31.0	30.3	31.6	30.6	29.9

See footnotes at end of table.

## B-2. Employees on nonagricultural payrolls, by industry—Continued

In thousands

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>											
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b>	688.8	691.5	701.2	700.8	696.7	543.4	546.6	552.3	552.4	548.6
301	Tires and inner tubes	137.1	137.8	145.0	144.5	145.0	99.2	99.9	105.1	105.0	107.8
302,3,6	Other rubber products	188.8	188.6	191.3	192.0	192.3	150.1	150.5	151.8	152.8	153.7
302	Rubber footwear	27.1	27.7	26.9	26.9	-	23.3	23.9	23.1	23.1	-
307	Elastofibrous plastics products	362.9	365.1	364.9	364.3	(-)	294.1	296.2	295.4	294.6	(-)
31	<b>LEATHER AND LEATHER PRODUCTS</b>	295.7	296.1	296.0	286.8	286.3	253.3	253.3	253.8	245.6	244.9
311	Leather tanneries and finishing	22.2	21.9	22.7	22.6	22.7	18.9	18.6	19.2	19.3	19.3
314	Leather goods—except rubber	194.0	194.2	190.6	182.6	180.9	168.6	168.2	165.9	158.4	156.8
312,3,5,7,9	Other leather products	79.5	80.0	82.7	81.6	82.7	65.8	66.5	68.7	67.9	68.8
316	Luggage	17.6	17.8	17.3	17.3	-	13.7	14.2	13.8	13.8	-
317	Handbags and personal leather goods	36.1	36.5	40.1	39.2	-	30.6	31.0	33.7	33.0	-
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>											
	<b>RAILROAD TRANSPORTATION</b>	4,671	4,680	4,696	4,679	4,668	4,016	4,027	4,025	4,007	3,994
40	Railroad transportation	578.7	577.7	592.0	588.6	-	-	-	-	-	-
4011	Class I railroads <sup>2</sup>	521.3	520.5	535.2	532.0	-	-	-	-	-	-
<b>LOCAL AND INTERURBAN PASSENGER</b>											
41	Transit	269.3	275.8	238.5	267.3	-	-	-	-	-	-
411	Local and suburban transportation	67.7	68.0	66.7	64.0	-	63.5	63.9	62.4	59.7	-
412	Taxicabs	76.4	97.8	90.6	91.0	-	-	-	-	-	-
413	Inter-city, highway transportation	40.0	39.3	42.4	42.1	-	35.5	35.0	38.4	38.2	-
42	<b>TRUCKING AND WAREHOUSING</b>	1,187.2	1,188.7	1,173.2	1,164.7	-	1,072.3	1,075.5	1,056.7	1,047.8	-
421,3	Trucking and trucking terminals	1,101.4	1,097.4	1,085.1	1,076.0	-	997.9	995.5	980.3	970.7	-
422	Public warehousing	85.8	91.3	88.1	88.7	-	74.4	80.0	76.4	77.1	-
45	<b>TRANSPORTATION BY AIR</b>	371.9	372.3	359.4	358.1	-	-	-	-	-	-
451,2	Air transportation	338.5	338.8	325.3	325.7	-	-	-	-	-	-
46	<b>PIPELINE TRANSPORTATION</b>	18.3	18.1	19.7	18.8	-	14.1	13.9	15.5	14.8	-
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	322.9	321.4	340.2	335.3	-	-	-	-	-	-
44	<b>WATER TRANSPORTATION</b>	213.3	210.9	222.3	218.1	-	-	-	-	-	-
47	<b>TRANSPORTATION SERVICES</b>	109.6	110.5	117.9	117.2	-	-	-	-	-	-
48	<b>COMMUNICATION</b>	1,177.5	1,181.3	1,199.2	1,188.6	-	903.0	907.4	918.7	908.1	-
481	Telephone communications	986.8	991.0	1,008.8	999.6	-	764.0	769.1	778.3	768.9	-
482	Telegraph communications <sup>3</sup>	23.5	22.4	21.2	21.1	-	15.8	15.0	14.7	14.6	-
483	Radio and television broadcasting	136.5	136.5	139.3	138.0	-	110.0	109.5	111.8	110.6	-
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	745.4	744.2	773.5	758.0	-	630.6	628.8	651.6	636.6	-
491	Electric companies and systems	317.7	320.8	333.5	327.2	-	267.0	269.6	277.5	271.9	-
492	Gas companies and systems	166.9	165.9	172.4	168.6	-	139.7	138.5	144.3	140.4	-
493	Communication companies and systems	200.4	197.4	203.6	199.3	-	171.3	168.5	174.3	169.9	-
494,7	Water, steam, and sanitary systems	60.4	60.1	64.0	62.9	-	52.6	52.2	55.5	54.4	-
<b>WHOLESALE AND RETAIL TRADE</b>											
50	<b>WHOLESALE TRADE</b>	4,127	4,162	4,258	4,248	4,279	3,449	3,480	3,562	3,545	3,578
501	Motor vehicles and automotive equipment	375.8	377.2	381.4	381.2	-	303.2	301.8	307.3	307.1	-
502	Drugs, chemicals, and allied products	233.6	237.5	242.4	240.4	-	188.7	192.2	198.0	196.2	-
503	Dry goods and apparel	161.3	162.3	160.3	159.3	-	125.0	125.9	125.0	124.8	-
504	Groceries and related products	605.7	611.0	622.2	625.0	-	532.8	536.7	546.1	547.9	-
506	Electrical goods	332.9	333.5	330.8	333.6	-	284.5	285.1	283.5	283.4	-
507	Hardware, plumbing and heating equipment	186.2	187.9	193.6	190.5	-	158.1	154.7	163.1	160.2	-
508	Electricity, equipment, and supplies	794.5	796.9	843.2	839.4	-	664.6	666.7	706.9	700.7	-
509	Rhectronics wholesalers	1,325.7	1,334.5	1,369.9	1,362.2	-	1,099.5	1,107.3	1,136.7	1,130.5	-
52,59	<b>RETAIL TRADE</b>	12,240	12,353	12,357	12,479	12,556	11,105.1	11,162	11,134	11,244	11,321
53	<b>Retail General Merchandise</b>	2,507.5	2,589.9	2,560.1	2,617.2	-	2,298.8	2,379.3	2,343.5	2,393.5	-
531	Department stores	1,639.1	1,704.0	1,680.0	1,722.1	-	1,501.6	1,565.5	1,539.3	1,577.0	-
532	Flea and variety stores	123.0	139.3	126.4	135.4	-	121.5	131.8	118.8	127.9	-
533	Variety stores	337.8	345.6	330.8	334.1	-	318.5	326.2	304.4	312.2	-
54	<b>FOOD STORES</b>	1,880.8	1,906.7	1,912.9	1,963.8	-	1,745.0	1,769.8	1,772.5	1,821.6	-
541,3	Grocery, meat, and vegetable stores	1,707.7	1,730.3	1,744.6	1,793.2	-	1,582.8	1,604.4	1,615.1	1,662.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

**B-2. Employees on nonagricultural payrolls, by industry—Continued**

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>					
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>	
	<b>WHOLESALE AND RETAIL TRADE—Continued</b>											
56	<b>APPAREL AND ACCESSORY STORES</b> .....	741.8	754.7	709.4	723.4	—	652.0	665.2	623.3	636.0	—	
561	Men's and boys' clothing and furnishings .....	126.5	129.5	124.4	125.5	—	110.8	113.9	108.3	109.1	—	
562	Women's ready-to-wear stores .....	287.5	293.4	277.8	283.8	—	255.0	260.6	245.3	250.6	—	
565	Family clothing stores .....	99.3	101.4	94.1	94.6	—	91.2	93.9	86.5	87.2	—	
566	Shoe stores .....	153.5	153.0	145.1	150.4	—	130.2	129.2	123.1	127.7	—	
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b> .....	488.0	493.4	488.5	487.4	—	421.0	424.9	417.7	416.3	—	
571	Furniture and home furnishings .....	305.9	308.1	305.8	304.1	—	264.6	265.8	261.9	260.3	—	
58	<b>EATING AND DRINKING PLACES</b> .....	2,925.6	2,880.4	2,986.5	2,988.0	—	2,737.8	2,695.6	2,787.5	2,786.2	—	
52,55,59	<b>OTHER RETAIL TRADE</b> .....	3,696.1	3,728.2	3,700.0	3,699.4	—	3,196.6	3,226.9	3,189.2	3,190.3	—	
52	Building materials and farm equipment .....	609.7	608.6	622.2	610.7	—	525.7	523.8	536.5	524.6	—	
55	Automotive dealers and service stations .....	1,731.4	1,733.8	1,685.3	1,686.7	—	—	—	—	—	—	
551.2	Motor vehicle dealers .....	825.9	828.1	777.8	779.3	—	693.1	694.9	648.8	649.4	—	
553.9	Other automotive and accessory dealers .....	291.0	291.0	296.1	288.6	—	246.9	246.9	252.6	244.9	—	
554	Gasoline service stations .....	614.5	614.7	611.4	618.8	—	—	—	—	—	—	
59	Miscellaneous retail stores .....	1,355.0	1,385.8	1,392.5	1,402.0	—	—	—	—	—	—	
591	Drug stores and proprietary stores .....	476.8	488.3	486.1	490.6	—	428.5	440.4	434.9	440.1	—	
594	Book and stationery stores .....	68.2	70.0	66.2	67.7	—	58.9	60.6	56.2	57.7	—	
596	Farm and garden supply stores .....	120.8	121.3	128.9	127.0	—	—	—	—	—	—	
598	Fuel and ice dealers .....	99.3	101.5	95.0	96.0	—	84.6	86.5	80.2	80.9	—	
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....	4,082	4,076	4,202	4,157	4,147	3,165	3,159	3,235	3,190	3,180	
60	Banking .....	1,175.6	1,180.4	1,248.8	1,239.1	—	944.5	947.9	990.1	978.7	—	
61	Credit agencies other than banks .....	430.3	431.8	451.8	449.0	—	333.4	334.2	349.2	344.7	—	
612	Savings and loan associations .....	148.7	149.2	163.5	162.0	—	120.1	120.5	132.7	131.0	—	
614	Personal credit institutions .....	207.5	208.6	214.9	214.8	—	—	—	—	—	—	
62	Security, commodity brokers and services .....	177.9	176.0	167.4	165.2	—	146.9	144.9	135.4	133.1	—	
63	Insurance carriers .....	1,141.0	1,141.2	1,172.8	1,184.6	—	778.0	777.8	798.6	789.8	—	
631	Life insurance .....	575.9	575.0	585.4	580.5	—	332.5	331.5	340.6	336.7	—	
632	Accident and health insurance .....	104.1	105.3	111.3	111.4	—	87.1	88.0	93.3	93.0	—	
633	Fire, marine, and casualty insurance .....	403.1	403.7	418.4	415.9	—	309.7	310.2	316.5	313.0	—	
64	Insurance agents, brokers, and service .....	305.9	305.6	317.7	317.7	—	—	—	—	—	—	
65	Real estate .....	756.4	745.1	744.3	725.9	—	—	—	—	—	—	
655	Subdividers and developers .....	131.9	125.2	124.6	117.3	—	—	—	—	—	—	
656	Operative builders .....	55.9	54.3	41.7	39.1	—	—	—	—	—	—	
66,67	Other finance, insurance, and real estate .....	95.3	95.7	99.4	98.0	—	—	—	—	—	—	
	<b>SERVICES</b> .....	12,982	13,057	13,542	13,517	13,590	11,752	11,831	12,245	12,221	12,288	
70	Hotels and other lodging places .....	925.8	866.6	1,044.6	956.1	—	—	—	—	—	—	
701	Hotels, tourist courts, and motels .....	767.4	724.6	817.7	785.4	—	710.9	673.2	762.8	729.9	—	
72	Personal services .....	892.7	897.6	862.0	862.8	—	—	—	—	—	—	
721	Laundries and dry cleaning plants .....	415.2	414.7	397.9	394.4	—	376.0	375.5	359.3	355.6	—	
722	Photographic studios .....	42.4	45.9	40.8	43.1	—	37.8	41.3	36.0	38.3	—	
73	Miscellaneous business services .....	1,812.4	1,828.7	1,884.1	1,893.0	—	—	—	—	—	—	
731	Advertising .....	117.1	117.7	117.2	116.2	—	—	—	—	—	—	
732	Credit reporting and collection .....	84.4	84.9	84.3	84.8	—	—	—	—	—	—	
734	Services to buildings .....	353.6	358.0	373.3	377.7	—	—	—	—	—	—	
76	Miscellaneous repair services .....	200.3	200.9	206.2	205.6	—	—	—	—	—	—	
78	Motion pictures .....	202.9	194.1	196.7	192.7	—	—	—	—	—	—	
781	Motion picture filming and distributing .....	53.3	54.3	52.6	52.7	—	39.6	39.1	40.9	40.8	—	
782,3	Motion picture theaters and services .....	149.2	139.8	144.1	140.0	—	—	—	—	—	—	
80	Medical and other health services .....	3,729.4	3,757.7	4,028.4	4,036.6	—	—	—	—	—	—	
806	Hospitals .....	2,111.9	2,125.2	2,236.2	2,239.4	—	1,935.4	1,948.8	2,044.6	2,048.4	—	
81	Legal services .....	285.8	288.5	311.1	303.5	—	—	—	—	—	—	
82	Educational services .....	1,150.6	1,267.6	1,058.3	1,206.4	—	—	—	—	—	—	
821	Elementary and secondary schools .....	385.4	415.1	353.7	406.9	—	—	—	—	—	—	
822	Colleges and universities .....	614.7	694.1	546.6	632.2	—	—	—	—	—	—	
89	Miscellaneous services .....	773.0	775.8	844.1	837.5	—	—	—	—	—	—	
891	Engineering and architectural services .....	359.8	362.1	400.7	395.4	—	—	—	—	—	—	
892	Nonprofit research agencies .....	117.4	116.7	130.0	127.9	—	—	—	—	—	—	

See footnotes at end of table.

## B-2. Employees on nonagricultural payrolls, by industry--Continued

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. p 1974	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. p 1974	Oct. p 1974
-	GOVERNMENT .....	13,419	13,855	13,482	14,029	14,424	-	-	-	-	-
91	FEDERAL GOVERNMENT <sup>5</sup> .....	2,608	2,613	2,712	2,699	2,691	-	-	-	-	-
	Executive .....	2,565.5	2,570.7	2,667.0	2,651.7	-	-	-	-	-	-
	Department of Defense .....	933.4	935.3	960.0	952.4	-	-	-	-	-	
	Postal Service .....	675.5	680.3	696.3	691.9	-	-	-	-	-	
	Other agencies .....	956.6	955.1	1,010.7	1,007.4	-	-	-	-	-	
	Legislative .....	34.0	33.9	35.9	37.4	-	-	-	-	-	
	Judicial .....	8.8	8.8	9.5	9.4	-	-	-	-	-	
92,93	STATE AND LOCAL GOVERNMENT .....	10,811	11,242	10,770	11,330	11,733	-	-	-	-	
92	State government .....	2,884.7	3,031.3	2,901.0	3,048.3	-	-	-	-	-	
	State education .....	1,169.6	1,332.8	1,118.9	1,289.7	-	-	-	-	-	
	Other State government .....	1,715.1	1,698.5	1,782.1	1,758.6	-	-	-	-	-	
93	Local government .....	7,926.5	8,211.0	7,869.2	8,282.1	-	-	-	-	-	
	Local education .....	4,413.4	4,768.1	4,047.8	4,688.2	-	-	-	-	-	
	Other local government .....	3,483.1	3,442.9	3,821.4	3,593.9	-	-	-	-	-	

<sup>1</sup> Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000, or more.

<sup>3</sup> Data for nonsupervisory workers exclude messengers.

<sup>4</sup> Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

<sup>5</sup> Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\* Not available.

p-preliminary.



**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

58

**B-3. Women employees on nonagricultural payrolls, by industry**

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
..	<b>TOTAL</b> .....	27,903	37	29,628	39	29,139	38
-	<b>PRIVATE SECTOR</b> .....	22,496	36	23,224	37	23,402	37
-	<b>MINING</b> .....	38	6	41	6	43	6
10	<b>METAL MINING</b> .....	3.2	3	3.5	4	4.1	4
11,12	<b>COAL MINING</b> .....	2.7	2	2.7	2	3.0	2
13	<b>OIL AND GAS EXTRACTION</b> .....	27.0	10	28.6	11	29.8	10
131,2	Crude petroleum and natural gas fields .....	18.2	13	19.2	15	20.0	14
138	Oil and gas field services .....	8.8	7	9.4	7	9.8	7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	5.5	5	6.0	5	6.5	5
142	Crushed and broken stone .....	1.9	5	2.0	5	2.1	5
144	Sand and gravel .....	1.8	4	1.8	5	2.0	5
-	<b>CONTRACT CONSTRUCTION</b> .....	205	5	210	6	217	6
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	59.9	5	63.0	6	64.6	6
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	35.9	4	36.1	5	37.9	5
161	Highway and street construction .....	12.7	3	12.2	4	13.3	3
162	Heavy construction, nec .....	23.2	5	23.9	6	24.6	5
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	108.7	6	111.2	6	114.0	6
171	Plumbing, heating, air conditioning .....	35.2	8	35.6	8	35.7	8
172	Painting, paper hanging, decorating .....	8.3	6	8.4	7	8.7	6
173	Electrical work .....	17.9	5	18.8	6	19.0	5
174	Masonry, stonework, and plastering .....	8.8	4	8.5	4	8.1	4
176	Roofing and sheet metal work .....	7.5	6	7.4	6	7.5	6
-	<b>MANUFACTURING</b> .....	5,602	28	5,736	29	5,717	29
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,479	21	2,568	22	2,577	22
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3,123	38	3,168	39	3,140	39
	<b>DURABLE GOODS</b>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	45.1	23	45.3	24	47.0	24
192	Ammunition, except for small arms .....	33.3	25	33.2	25	34.2	25
1925	Complete guided missiles .....	17.9	19	20.2	20	21.9	21
1929	Ammunition, except for small arms, nec .....	15.4	38	13.0	40	12.3	40
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	74.1	12	78.6	12	80.1	12
241	Logging camps, and logging contractors .....	2.9	4	3.6	5	4.1	5
242	Sawmills and planing mills .....	13.8	6	14.8	7	15.0	7
2421	Sawmills and planing mills, general .....	10.1	5	10.6	6	11.2	6
243	Millwork, plywood and related products .....	28.0	13	29.6	14	30.4	14
2431	Millwork .....	14.8	16	15.0	16	15.6	17
2432	Veneer and plywood .....	10.0	12	11.5	13	11.5	13
244	Wooden containers .....	5.5	20	5.6	21	5.9	22
2441,2	Wooden boxes, shooks, and crates .....	4.5	20	4.6	22	4.7	22
249	Miscellaneous wood products .....	23.9	24	25.0	24	24.7	24
25	<b>FURNITURE AND FIXTURES</b> .....	136.7	27	145.6	28	140.5	28
251	Household furniture .....	109.1	29	116.2	31	111.3	31
2511	Wood household furniture .....	50.7	28	56.1	29	53.9	29
2512	Upholstered household furniture .....	34.9	33	35.1	34	35.2	35
2515	Mattresses and bedsprings .....	11.3	29	10.9	30	10.6	29
252	Office furniture .....	7.1	18	8.1	19	8.2	19
254	Partitions and fixtures .....	7.3	13	7.8	14	8.1	15
253,9	Other furniture and fixtures .....	13.2	28	13.5	29	12.9	29
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	117.7	17	118.5	17	120.6	17
321	Flat glass .....	2.0	8	1.9	8	2.0	8
322	Glass and glassware, pressed or blown .....	47.5	34	46.2	34	48.2	34
3221	Glass containers .....	29.3	36	26.6	37	28.7	37
3229	Pressed and blown glass nec .....	18.2	30	19.6	31	19.5	32
324	Cement, hydraulic .....	1.2	4	1.3	4	1.3	4
325	Structural clay products .....	7.0	11	7.3	12	7.1	12
3251	Brick and structural clay tile .....	1.2	4	1.4	5	1.4	5
326	Pottery and related products .....	15.4	34	16.9	34	16.6	34
327	Concrete, gypsum, and plaster products .....	11.8	5	11.7	6	12.2	6
328,9	Other stone and nonmetallic mineral products .....	22.6	15	23.1	16	23.2	15
3291	Abrasive products .....	6.1	20	6.4	21	6.6	21

## B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>DURABLE GOODS—Continued</b>							
	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	97.8	7	100.1	8	101.6	8
33	Blast furnace and basic steel products . . . . .	27.9	5	28.7	5	29.9	5
3312	Blast furnaces and steel mills . . . . .	20.7	4	21.5	4	22.5	4
332	Iron and steel foundries . . . . .	11.7	5	12.8	5	13.2	6
3321	Gray iron foundries . . . . .	6.2	4	6.7	4	6.9	5
3322	Malleable iron foundries . . . . .	1.0	4	1.2	5	1.2	5
3323	Steel foundries . . . . .	4.5	7	4.9	8	5.1	8
333,4	Nonferrous metals . . . . .	3.6	4	3.8	4	4.2	5
3334	Primary aluminum . . . . .	.9	3	.9	3	1.0	3
335	Nonferrous rolling and drawing . . . . .	35.4	16	35.4	16	35.3	16
3351	Copper rolling and drawing . . . . .	3.1	8	3.5	8	3.4	9
3352	Aluminum rolling and drawing . . . . .	7.4	11	7.5	11	7.6	11
3357	Nonferrous wire drawing and insulating . . . . .	21.6	26	21.0	25	20.8	25
336	Nonferrous foundries . . . . .	13.6	15	13.5	14	13.0	14
3361	Aluminum castings . . . . .	5.9	12	6.1	12	6.0	12
3362,9	Other nonferrous castings . . . . .	7.7	18	7.4	17	7.0	16
339	Miscellaneous primary metal products . . . . .	5.6	8	5.9	8	6.0	8
3391	Iron and steel forgings . . . . .	2.6	5	2.7	6	2.9	6
	<b>FABRICATED METAL PRODUCTS . . . . .</b>	270.1	19	274.2	19	276.7	19
34	Metal cans . . . . .	12.0	17	11.6	17	11.9	17
342	Cutlery, hand tools, and hardware . . . . .	52.4	32	53.1	33	54.2	33
3421,3,5	Cutlery and hand tools, including saws . . . . .	19.0	27	21.9	29	22.4	30
3429	Hardware, nec . . . . .	33.4	36	31.2	36	31.8	35
343	Plumbing and heating, except electric . . . . .	14.4	18	15.3	19	14.0	19
3431,2	Sanitary ware and plumbers' brass goods . . . . .	7.2	19	8.2	21	7.3	21
3433	Heating equipment, except electric . . . . .	7.2	16	7.1	17	6.7	17
344	Fabricated structural metal products . . . . .	52.7	12	52.2	11	55.3	12
3441	Fabricated structural steel . . . . .	5.7	5	6.1	6	6.4	6
3442	Metal doors, sash, and trim . . . . .	19.8	25	17.1	23	18.9	25
3443	Fabricated plate work (boiler shops) . . . . .	9.3	8	9.7	8	10.0	8
3444	Sheet metal work . . . . .	12.2	13	13.1	14	13.7	14
3446,9	Architectural and miscellaneous metal work . . . . .	5.7	9	6.2	10	6.3	10
345	Screw machine products, bolts, etc. . . . .	22.0	21	23.7	22	24.0	22
3451	Screw machine products . . . . .	11.2	24	12.3	25	12.4	25
3452	Bolts, nuts, rivets, and washers . . . . .	10.8	19	11.4	19	11.6	19
346	Metal stampings . . . . .	50.8	21	49.8	21	49.5	22
347	Metal services, nec . . . . .	18.5	20	19.6	21	19.5	21
348	Misc. fabricated wire products . . . . .	18.0	26	18.2	26	17.4	25
349	Misc. fabricated metal products . . . . .	29.3	18	30.7	18	30.9	18
3494,8	Valves, pipe, and pipe fittings . . . . .	18.1	18	19.0	18	19.2	17
	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	315.4	15	346.0	16	351.4	16
35	Engines and turbines . . . . .	17.4	15	17.8	15	19.2	16
3511	Steam engines and turbines . . . . .	5.2	12	5.2	12	5.5	13
3519	Internal combustion engines, nec . . . . .	12.2	17	12.6	17	13.7	18
352	Farm machinery . . . . .	15.7	11	18.7	11	18.5	12
353	Construction and related machinery . . . . .	29.1	9	31.8	10	32.5	10
3531,2	Construction and mining machinery . . . . .	13.8	8	15.0	8	15.4	8
3533	Oil field machinery . . . . .	5.0	10	5.5	10	5.6	11
3535,6	Conveyors, hoists, cranes, monorails . . . . .	4.6	11	4.9	11	5.1	11
3537	Industrial trucks and tractors . . . . .	2.9	8	3.5	9	3.5	10
354	Metal working machinery . . . . .	41.6	13	45.8	13	46.2	14
3541	Machine tools, metal cutting types . . . . .	6.8	10	7.3	10	7.5	11
3544	Special dies, tools, jigs and fixtures . . . . .	10.4	9	11.7	9	11.5	9
3545	Machine tool accessories . . . . .	10.6	19	11.6	19	11.5	20
3542,8	Miscellaneous metal working machinery . . . . .	13.8	18	15.2	18	15.7	19
355	Special industry machinery . . . . .	23.6	12	25.9	13	25.6	13
3551	Food products machinery . . . . .	4.5	11	4.8	11	4.8	11
3552	Textile machinery . . . . .	5.7	15	6.3	16	6.1	17
3555	Printing trades machinery . . . . .	3.5	12	3.9	13	3.8	13
356	General industrial machinery . . . . .	47.2	17	51.7	17	52.7	17
3561	Pumps and compressors . . . . .	11.3	14	12.0	15	12.7	15
3562	Ball and roller bearings . . . . .	12.2	23	13.0	23	13.2	23
3564	Blowers and fans . . . . .	6.8	19	7.5	19	7.6	19
3566	Power transmission equipment . . . . .	7.6	14	8.4	15	8.6	15
357	Office and computing machines . . . . .	76.8	29	87.9	31	90.8	31
3573	Electronic computing equipment . . . . .	55.4	29	64.2	31	66.7	31
358	Service industry machines . . . . .	30.3	19	30.4	19	29.8	19
3585	Refrigeration machinery . . . . .	18.6	17	19.4	18	19.1	18
359	Miscellaneous machinery, except electrical . . . . .	33.7	15	36.0	15	36.1	15

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>DURABLE GOODS - CONTINUED</b>							
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	829.2	42	855.0	42	845.2	42
361	Electrical test and distributing equipment	76.8	35	83.8	37	81.6	36
3611	Electric measuring instruments	35.2	44	38.8	47	38.1	46
3612	Transformers	16.8	29	18.6	31	17.9	30
3613	Switchgear and switchboard apparatus	24.8	31	26.4	32	25.6	32
362	Electrical industrial apparatus	83.2	36	86.5	36	87.7	36
3621	Motors and generators	44.9	36	46.6	36	46.8	36
3622	Industrial controls	27.5	43	28.3	44	29.3	43
363	Household appliances	60.0	28	64.4	31	66.2	30
3632	Household refrigerators and freezers	13.7	20	16.7	27	16.4	23
3633	Household laundry equipment	5.5	19	5.4	18	5.5	19
3634	Electric housewares and fans	26.3	50	29.0	52	30.0	52
364	Electric lighting and wiring equipment	96.8	45	97.2	44	93.9	44
3641	Electric lamps	26.1	65	26.0	66	24.6	65
3642	Lighting fixtures	25.1	36	24.9	36	24.0	35
3643.4	Wiring devices	45.6	42	46.3	42	45.3	42
365	Radio and TV receiving equipment	81.7	56	75.9	55	79.6	55
366	Communication equipment	161.8	37	163.7	37	161.3	37
3661	Telephone and telegraph apparatus	70.1	46	72.5	47	70.1	47
3662	Radio and TV communication equipment	91.7	32	91.2	32	91.2	32
367	Electronic components and accessories	222.3	56	237.4	57	228.6	56
3671.3	Electron tubes	23.6	44	23.6	44	23.0	43
3674.9	Other electronic components	198.7	58	213.8	59	205.6	58
369	Miscellaneous electrical equipment and supplies	46.6	35	46.1	35	46.3	35
3694	Engine electrical equipment	26.8	38	25.0	37	25.8	38
37	<b>TRANSPORTATION EQUIPMENT</b>	210.4	11	200.2	11	209.6	12
371	Motor vehicles and equipment	90.9	10	80.1	9	83.0	10
3711	Motor vehicles	33.1	8	28.2	7	29.1	8
3712	Passenger car bodies	3.1	7	1.8	4	2.0	5
3713	Truck and bus bodies	3.4	8	3.6	8	3.7	8
3714	Motor vehicle parts and accessories	50.0	13	44.9	12	46.6	13
3715	Truck trailers	1.3	5	1.6	5	1.6	6
372	Aircraft and parts	75.4	15	77.3	15	79.8	16
3721	Aircraft	42.1	15	42.0	16	43.9	16
3722	Aircraft engines and engine parts	19.0	13	20.0	14	20.5	14
3723.9	Other aircraft parts and equipment	14.3	15	15.3	16	15.4	16
373	Ship and boat building and repairing	13.5	8	15.0	8	16.1	8
3731	Ship building and repairing	7.8	6	9.3	6	10.1	7
3732	Boat building and repairing	5.7	13	5.7	13	6.0	14
374	Railroad equipment	4.1	8	4.3	8	4.5	8
375.9	Other transportation equipment	26.5	16	23.5	17	26.2	17
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	192.7	39	208.7	40	209.5	40
381	Engineering and scientific instruments	19.3	28	20.8	29	21.7	29
382	Mechanical measuring and control devices	44.5	40	46.4	40	45.6	40
3821	Mechanical measuring devices	24.4	35	25.9	36	26.2	35
3822	Automatic temperature controls	20.1	47	20.5	49	19.4	48
383.5	Optical and ophthalmic goods	27.0	44	29.7	45	28.2	44
385	Ophthalmic goods	21.5	51	23.2	52	21.7	50
384	Medical instruments and supplies	49.5	51	56.0	52	56.6	51
386	Photographic equipment and supplies	31.8	26	33.4	27	34.6	27
387	Watches, clocks, and watchcases	20.6	65	22.4	65	22.8	65
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	189.6	44	195.6	45	195.0	45
391	Jewelry, silverware, and plated ware	20.7	41	23.0	43	21.0	42
394	Toys and sporting goods	64.1	51	65.4	51	69.4	52
3941.3	Games, toys, dolls, and play vehicles	36.2	54	34.6	54	39.7	56
3949	Sporting and athletic goods, n e c	27.9	47	30.8	48	29.7	48
395	Pens, pencils, office and art supplies	17.9	52	20.2	54	20.2	55
396	Costume jewelry and notions	27.1	52	26.1	51	24.6	51
393.9	Other manufacturing industries	59.8	36	60.9	37	59.8	37
393	Musical instruments and parts	11.4	48	11.5	46	11.6	47
<b>NONDURABLE GOODS</b>							
20	<b>FOOD AND KINDRED PRODUCTS</b>	457.3	26	431.7	26	461.3	26
201	Meat products	100.3	30	96.6	29	101.7	30
2011	Meat packing plants	24.4	14	25.2	14	26.3	15
2013	Sausages and other prepared meats	17.1	29	15.6	27	16.4	28
2015	Poultry dressing plants	58.8	55	55.8	55	59.0	55
202	Dairy products	39.8	18	36.9	18	38.2	18
2024	Ice cream and frozen desserts	6.7	26	5.6	25	6.6	26

## B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>NONDURABLE GOODS - CONTINUED</b>							
<b>FOOD AND KINDRED PRODUCTS - Continued</b>							
2026	Fluid milk	22.2	15	20.6	15	20.9	15
203	Canned, cured, and frozen foods	123.2	42	102.4	41	123.2	41
2031,6	Canned, cured, and frozen sea foods	27.8	60	23.9	57	27.0	59
2032,3	Canned food, except sea foods	51.7	35	34.5	31	51.6	34
2037	Frozen fruits and vegetables	30.5	46	31.3	48	28.4	47
204	Grain mill products	21.5	16	21.5	16	22.8	16
2041	Flour and other grain mill products	4.0	14	4.0	13	4.1	14
2042	Prepared feeds for animals and forests	10.0	14	10.6	15	10.7	15
205	Bakery products	67.9	25	67.2	25	67.5	25
2051	Bread, cake, and related products	47.1	21	46.4	21	47.0	21
2052	Cookies and crackers	20.8	46	20.8	46	20.6	46
206	Sugar	2.6	8	2.6	8	2.9	8
207	Confectionery and related products	34.8	46	36.8	48	35.7	48
2071	Confectionery products	27.4	48	30.3	51	29.0	50
208	Beverages	31.4	43	30.1	44	32.2	44
2082	Malt beverages	3.8	7	3.7	8	4.2	8
2086	Bottled and canned soft drinks	13.5	10	13.2	11	13.9	10
209	Miscellaneous foods and kindred products	35.8	25	37.6	25	37.3	25
21	<b>TOBACCO MANUFACTURES</b>	26.3	39	28.0	40	24.4	39
211	Cigarettes	15.1	33	15.1	33	15.1	33
212	Cigars	7.6	68	9.2	71	7.6	7
22	<b>TEXTILE MILL PRODUCTS</b>	469.8	47	+80.2	47	466.2	47
221	Weaving mills, cotton	85.0	42	86.9	42	86.0	42
222	Weaving mills, synthetics	41.8	39	44.0	40	42.9	40
223	Weaving and finishing mills, wool	10.3	37	10.6	38	10.0	38
224	Narrow fabric mills	17.4	60	18.2	59	15.6	58
225	Knitting mills	175.4	65	177.8	65	174.6	65
2251	Women's hosiery, except socks	39.7	77	36.1	75	36.1	75
2252	Hosiery, n.e.c.	26.4	72	26.7	73	26.4	73
2253	Knit outerwear mills	56.8	72	61.5	72	59.8	72
2254	Knit underwear mills	25.5	71	27.0	72	26.4	71
226	Textile finishing, except wool	24.0	28	23.9	29	22.9	29
227	Floor covering mills	22.8	36	23.6	37	23.2	37
228	Yarn and thread mills	72.7	48	74.5	49	70.7	49
229	Miscellaneous textile goods	20.4	28	20.7	30	20.3	30
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,016.5	80	1,048.1	81	996.5	80
231	Men's and boys' suits and coats	76.6	74	76.7	75	73.2	76
232	Men's and boys' furnishings	314.4	83	315.0	84	302.6	83
2321	Men's and boys' shirts and nightwear	101.1	88	101.0	88	100.1	88
2327	Men's and boys' separate trousers	67.6	81	67.8	82	64.2	82
2328	Men's and boys' work clothing	69.7	82	67.9	82	62.5	82
233	Women's and misses' outerwear	303.9	85	333.2	86	306.6	85
2331	Women's and misses' blouses and waists	26.9	88	37.3	89	35.3	88
2335	Women's and misses' dresses	148.1	86	163.3	88	143.3	87
2337	Women's and misses' suits and coats	51.4	80	44.1	82	49.8	79
2339	Women's and misses' outerwear, n.e.c.	77.5	84	88.5	85	78.2	84
234	Women's and children's undergarments	91.4	87	92.9	87	88.1	87
2341	Women's and children's underwear	66.9	87	68.8	88	65.5	87
2342	Corsets and allied garments	24.5	84	24.1	85	22.6	85
235	Hats, caps, and millinery	11.2	71	12.1	72	12.1	72
236	Children's outerwear	63.8	86	61.1	86	62.0	86
2361	Children's dresses and blouses	27.9	88	26.7	89	27.1	89
237,8	Fur goods and miscellaneous apparel	49.2	75	51.8	76	51.2	76
239	Miscellaneous fabricated textile products	106.0	63	105.3	63	100.7	62
2391,2	Housefurnishings	48.4	71	47.2	71	42.8	69
26	<b>PAPER AND ALLIED PRODUCTS</b>	145.9	20	150.3	21	150.5	21
261,2,6	Paper and pulp mills	22.1	10	22.1	10	23.2	11
263	Paperboard mills	5.2	7	5.4	8	5.6	8
264	Miscellaneous converted paper products	69.0	34	70.1	33	70.7	33
2643	Bags, except textile bags	14.7	32	15.8	33	15.3	33
265	Paperboard containers and boxes	49.6	22	52.7	23	51.0	22
2651,2	Folding and setup paperboard boxes	18.2	31	19.8	33	18.8	32
2653	Corrugated and solid fiber boxes	15.6	14	16.1	14	15.6	14
2654	Sanitary food containers	9.7	32	10.1	31	10.1	30

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>NONDURABLE GOODS — CONTINUED</b>							
27	<b>PRINTING AND PUBLISHING</b>	374.3	34	384.9	35	387.7	35
271	Newspapers	111.4	29	114.3	30	117.8	31
272	Periodicals	33.8	49	34.5	49	34.8	49
273	Books	50.5	50	54.6	51	55.2	51
275	Commercial printing	95.3	28	99.3	28	97.4	28
2751	Commercial printing, ex. lithographic	55.8	28	58.2	29	57.5	29
2752	Commercial printing, lithographic	36.6	27	37.2	28	37.0	28
278	Blankbooks and bookbinding	29.4	51	27.9	50	28.1	51
274,6,7,9	Other publishing and printing ind.	53.9	38	54.3	38	54.4	38
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	218.1	21	219.6	21	228.3	21
281	Industrial chemicals	34.8	11	36.1	12	39.1	12
2812	Alkalies and chlorines	1.7	8	1.7	8	1.7	8
2818	Industrial organic chemicals, n e c	16.6	13	17.0	13	18.9	14
2819	Industrial inorganic chemicals, n e c	10.4	11	11.1	11	11.9	12
282	Plastics materials and synthetics	43.4	19	43.6	19	44.6	19
2821	Plastics materials and resins	9.0	10	8.9	9	9.5	10
2823,4	Synthetic fibers	33.5	27	33.8	27	34.4	27
283	Drugs	59.4	39	60.1	39	62.3	37
2834	Pharmaceutical preparations	49.4	40	49.7	40	51.7	40
284	Soaps, cleaners, and toilet goods	46.8	37	46.5	37	48.4	38
2841	Soap and other detergents	8.8	22	8.1	21	8.7	22
2844	Toilet preparations	28.0	54	28.4	54	30.1	51
285	Paints and allied products	11.1	15	10.7	15	11.0	16
287	Agricultural chemicals	6.1	11	6.8	11	6.7	11
2871,2	Fertilizers, complete and mixing only	3.1	8	3.4	8	3.4	8
286,9	Other chemical products	16.5	18	15.8	18	16.2	18
2892	Explosives	4.3	18	3.9	18	3.9	18
29	<b>PETROLEUM AND COAL PRODUCTS</b>	18.0	9	17.9	9	18.7	9
291	Petroleum refining	13.5	9	13.3	9	13.9	9
295,9	Other petroleum and coal products	4.5	11	4.6	12	4.8	11
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	225.2	33	229.7	34	229.8	33
301	Tires and inner tubes	12.7	9	13.4	9	13.5	9
302,3,6	Other rubber products	66.2	35	66.8	36	66.3	36
302	Rubber footwear	15.6	59	16.4	60	15.4	59
307	Miscellaneous plastics products	146.3	42	149.5	42	150.0	42
31	<b>LEATHER AND LEATHER PRODUCTS</b>	171.6	60	178.0	61	174.5	61
311	Leather tanning and finishing	3.3	15	3.4	15	3.5	16
314	Footwear, except rubber	123.6	65	126.1	66	123.6	66
312,3,5,7,9	Other leather products	44.7	60	48.5	61	47.4	62
316	Luggage	9.0	54	9.2	54	9.2	55
317	Handbags and personal leather goods	23.2	70	26.0	72	25.6	71
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	972	21	983	21	993	21
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	23.6	10	40.6	15	26.4	11
411	Local and suburban transportation	5.1	8	6.2	9	5.5	8
412	Taxicabs	4.8	5	5.3	6	5.2	6
413	Intercity highway transportation	3.6	9	3.9	10	4.2	10
42	<b>TRUCKING AND WAREHOUSING</b>	106.1	9	110.2	10	113.2	10
421,3	Trucking and trucking terminals	94.0	9	96.8	9	99.9	9
422	Public warehousing	12.1	14	13.4	15	13.3	15
45	<b>TRANSPORTATION BY AIR</b>	100.4	28	95.2	27	102.4	28
451,2	Air transportation	96.4	29	90.5	28	97.4	29
46	<b>PIPE LINE TRANSPORTATION</b>	1.3	7	1.4	8	1.5	8
44	<b>WATER TRANSPORTATION</b>	17.5	8	16.7	8	17.5	8
47	<b>TRANSPORTATION SERVICES</b>	26.0	24	28.3	24	28.3	24
48	<b>COMMUNICATION</b>	555.8	47	548.1	47	558.3	47
481	Telephone communication	506.4	51	500.1	50	509.5	50
483	Radio and television broadcasting	34.6	25	35.1	26	35.8	26
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	115.4	15	117.7	16	120.4	16
491	Electric companies and systems	48.7	15	50.9	15	51.1	15
492	Gas companies and systems	28.9	17	29.0	17	29.9	17

## B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>NONDURABLE GOODS - CONTINUED</b>							
<b>ELECTRIC, GAS, AND SANITARY SERVICES -- Cont'd</b>							
493	Combination companies and systems	29.6	15	29.6	15	30.9	15
494 7	Water, steam, and sanitary systems	8.2	13	8.2	14	8.5	13
<b>WHOLESALE AND RETAIL TRADE</b>		6,473	40	6,708	41	6,763	41
<b>WHOLESALE TRADE</b>							
50	Wholesale trade	945	23	981	24	999	24
561	Motor vehicles and automotive equipment	74.6	20	75.2	20	76.9	20
502	Drugs, chemicals, and allied products	80.9	35	81.3	36	86.0	35
503	Dry goods and apparel	76.3	47	77.3	48	76.5	48
504	Groceries and related products	130.9	22	123.5	21	135.4	22
506	Electrical goods	84.2	25	85.1	26	86.5	26
507	Hardware, plumbing and heating equipment	45.8	25	48.2	25	49.7	26
508	Machinery, equipment, and supplies	149.0	19	161.0	20	165.7	20
509	Miscellaneous wholesalers	287.8	22	302.5	23	304.0	22
<b>RETAIL TRADE</b>							
52 59	Retail trade	5,528	46	5,727	47	5,764	47
53	Retail general merchandise	1,650.9	67	1,732.4	68	1,729.8	68
531	Department stores	1,099.8	69	1,153.6	69	1,157.6	69
532	Mail order houses	71.0	59	77.3	60	73.9	59
533	Variety stores	239.3	73	252.3	73	240.8	74
54	Food stores	694.4	34	742.0	38	741.5	38
541 3	Grocery, meat, and vegetable stores	587.2	35	625.3	35	633.3	36
56	Apparel and accessory stores	483.9	66	496.7	67	474.7	67
561	Men's and boys' clothing and furnishings	52.7	31	52.7	41	52.3	41
562	Women's ready-to-wear stores	249.8	89	259.8	89	248.0	89
565	Family clothing stores	69.2	68	66.6	68	64.7	68
566	Shoe stores	87.2	38	92.0	39	90.1	39
57	Furniture and home furnishings stores	144.3	30	146.7	30	147.9	30
571	Furniture and home furnishings	95.4	31	97.2	32	97.6	32
58	Eating and drinking places	1,605.7	55	1,615.3	56	1,675.0	56
52 55 59	Other retail trade	947.0	26	992.0	27	993.0	27
52	Building materials and farm equipment	105.1	17	108.9	18	113.1	18
56	Automotive dealers and service stations	231.7	13	231.5	14	239.7	14
561 2	Motor vehicle dealers	99.1	12	91.6	12	95.1	12
562 9	Other automotive and accessory dealers	42.6	14	43.4	15	45.9	15
59	Miscellaneous retail stores	611.3	15	653.1	46	641.8	46
591	Drug stores and proprietary stores	270.0	61	295.9	61	296.1	61
591	Book and stationery stores	36.2	16	32.8	47	31.6	47
596	Farm and garden supply stores	22.5	19	31.2	22	28.5	22
598	Fuel and oil dealers	17.5	18	18.0	19	17.3	18
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>							
60	Banking	2,161	53	2,204	54	2,253	54
60	Banking	775.7	60	795.6	56	821.0	66
61	Credit agencies other than banks	249.8	58	261.0	58	266.3	59
612	Savings and loan associations	101.4	68	108.4	69	113.2	69
614	Personal credit institutions	103.8	50	108.2	50	108.3	51
62	Security, commodity, broker, and services	63.2	31	60.1	31	57.3	34
63	Insurance carriers	397.7	52	611.2	53	623.2	53
631	Life insurance	259.5	45	266.0	46	268.0	46
632	Accident and health insurance	73.5	70	75.5	70	78.2	71
633	Fire, marine, and casualty insurance	228.1	57	235.2	57	241.0	58
64	Insurance agents, brokers, and service	169.5	56	176.2	56	179.7	57
65	Real estate	253.7	33	249.4	35	253.9	34
655	Subdividers and developers	49.7	19	25.6	22	26.5	21
656	Operator-brokers	8.2	14	7.4	17	7.5	18
66 67	Other financial institutions and real estate	49.0	51	50.6	52	51.1	51
<b>SERVICES</b>							
<b>Hotels and other lodging places</b>		7,945	54	7,342	55	7,416	55
701	Hotels, tourist courts, and motels	424.5	53	350.5	54	435.3	54
70	Other lodging places	7,520.5	62	7,011.4	62	7,011.4	62
71	Food and beverage services	1,227.7	60	1,251.3	63	1,254.2	63
72	Personal and domestic services	214.4	63	26.6	64	25.5	64
73	Messenger and delivery services	228.7	35	647.3	35	666.9	36
74	Amusement, recreation, and other services	511.0	44	511.0	44	511.5	44
75	Health, education, and social services	611.7	71	59.2	70	60.1	71
76	Signs and advertising	145.7	39	137.4	37	138.3	37
77	Messenger and delivery services	83.1	16	31.0	16	31.6	15
78	Telephone services	142.9	31	70.1	38	73.4	38
81	Street cleaning, janitorial, pest control, and other services	14.5	30	16.6	38	18.7	37
82	Messenger and delivery services	14.5	18	53.3	33	54.7	38

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

**B-3. Women employees on nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	July 1973		April 1974		July 1974	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>SERVICES - Continued</b>						
80	Medical and other health services . . . . .	2,976.0	80	3,128.8	81	3,224.1	80
806	Hospitals . . . . .	1,692.1	80	1,746.4	80	1,786.0	80
81	Legal services . . . . .	181.9	62	185.9	64	193.4	62
87	Educational services . . . . .	475.5	46	645.4	49	490.7	45
821	Elementary and secondary schools . . . . .	191.7	56	267.9	62	195.3	54
822	Colleges and universities . . . . .	215.2	39	296.0	42	218.2	39
89	Miscellaneous services . . . . .	193.9	25	213.9	26	217.0	26
891	Engineering and architectural services . . . . .	53.1	15	58.3	16	62.4	16
892	Nonprofit research agencies . . . . .	37.5	32	40.5	33	42.1	33
	<b>GOVERNMENT</b> . . . . .	<sup>c</sup> 5,407	41	6,404	45	5,737	42
91	<b>FEDERAL GOVERNMENT</b> . . . . .	<sup>c</sup> 766	29	773	29	800	29
92,93	<b>STATE AND LOCAL GOVERNMENT</b> . . . . .	4,641	44	5,631	49	4,937	46
92	State government . . . . .	1,173.4	42	1,362.3	44	1,242.7	43
	State education . . . . .	436.4	42	609.0	44	477.3	43
	Other State government . . . . .	737.0	42	753.3	44	765.4	43
93	Local government . . . . .	3,467.5	45	4,268.3	50	3,694.6	47
	Local education . . . . .	2,255.4	58	3,109.9	62	2,426.7	59
	Other local government . . . . .	1,212.1	32	1,158.4	33	1,267.9	33

<sup>c</sup> corrected.





**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1973					1974							
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>p</sup>	Oct. <sup>p</sup>
<b>TOTAL</b> .....	76,363	76,679	76,626	76,526	76,813	76,804	76,941	77,130	77,101	77,047	77,203	77,409	77,439
<b>GOODS-PRODUCING</b> .....	24,349	24,450	24,468	24,296	24,317	24,231	24,239	24,268	24,225	24,116	24,106	24,063	23,951
<b>MINING</b> .....	639	644	646	654	656	655	659	664	665	669	670	672	674
<b>CONTRACT CONSTRUCTION</b> .....	3,694	3,711	3,732	3,636	3,757	3,725	3,659	3,662	3,599	3,534	3,575	3,537	3,507
<b>MANUFACTURING</b> .....	20,016	20,095	20,090	20,006	19,904	19,851	19,921	19,942	19,961	19,913	19,861	19,854	19,770
<b>DURABLE GOODS</b> .....	11,802	11,859	11,859	11,774	11,683	11,644	11,733	11,746	11,783	11,761	11,705	11,705	11,688
Ordnance and accessories .....	191	186	190	192	191	193	193	189	191	193	194	194	197
Lumber and wood products .....	634	637	645	645	647	648	654	650	640	636	629	620	609
Furniture and fixtures .....	528	528	527	527	523	522	523	524	522	514	516	510	504
Stone, clay, and glass products .....	701	701	707	704	702	703	697	701	691	694	692	684	680
Primary metal industries .....	1,353	1,357	1,354	1,343	1,331	1,316	1,320	1,322	1,328	1,324	1,333	1,342	1,349
Fabricated metal products .....	1,466	1,473	1,470	1,466	1,454	1,449	1,456	1,458	1,462	1,470	1,459	1,455	1,444
Machinery, except electrical .....	2,086	2,121	2,128	2,133	2,123	2,134	2,136	2,139	2,161	2,149	2,172	2,181	2,190
Electrical equipment and supplies .....	2,039	2,048	2,057	2,051	2,043	2,033	2,031	2,030	2,036	2,038	1,988	1,994	1,994
Transportation equipment .....	1,858	1,857	1,827	1,753	1,706	1,681	1,756	1,764	1,778	1,773	1,756	1,763	1,768
Instruments and related products .....	507	512	514	516	521	521	523	524	531	529	529	528	525
Miscellaneous manufacturing .....	439	439	440	444	442	444	444	445	443	441	437	434	428
<b>NONDURABLE GOODS</b> .....	8,214	8,236	8,231	8,232	8,221	8,207	8,188	8,190	8,178	8,152	8,156	8,149	8,082
Food and kindred products .....	1,735	1,749	1,753	1,754	1,755	1,764	1,750	1,747	1,725	1,713	1,728	1,735	1,719
Tobacco manufactures .....	72	75	75	76	76	77	77	76	76	77	77	71	71
Textile mill products .....	1,027	1,028	1,030	1,029	1,025	1,019	1,016	1,013	1,011	1,001	1,004	996	976
Apparel and other textile products .....	1,340	1,333	1,321	1,315	1,309	1,294	1,296	1,300	1,290	1,288	1,276	1,271	1,260
Paper and allied products .....	725	725	724	729	729	730	728	734	727	726	725	726	713
Printing and publishing .....	1,098	1,102	1,105	1,106	1,109	1,105	1,105	1,107	1,109	1,108	1,108	1,109	1,105
Chemicals and allied products .....	1,043	1,043	1,042	1,046	1,045	1,048	1,046	1,050	1,057	1,057	1,061	1,069	1,066
Petroleum and coal products .....	190	190	192	193	192	190	191	193	193	193	193	192	192
Rubber and plastics products, nec .....	687	694	693	693	690	689	684	685	696	696	700	695	693
Leather and leather products .....	297	297	296	291	291	294	295	294	294	293	290	287	287
<b>SERVICE-PRODUCING</b> .....	52,014	52,229	52,158	52,230	52,496	52,573	52,702	52,868	52,876	52,931	53,097	53,346	53,488
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,671	4,654	4,644	4,684	4,691	4,676	4,668	4,664	4,653	4,648	4,654	4,637	4,659
<b>WHOLESALE AND RETAIL TRADE</b> .....	16,465	16,520	16,398	16,417	16,472	16,487	16,549	16,594	16,602	16,665	16,689	16,748	16,784
<b>WHOLESALE TRADE</b> .....	4,137	4,163	4,152	4,184	4,192	4,190	4,202	4,211	4,215	4,205	4,220	4,231	4,233
<b>RETAIL TRADE</b> .....	12,328	12,357	12,246	12,233	12,280	12,297	12,347	12,383	12,387	12,460	12,469	12,517	12,551
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,088	4,095	4,101	4,109	4,124	4,127	4,130	4,145	4,140	4,133	4,144	4,153	4,159
<b>SERVICES</b> .....	13,044	13,122	13,128	13,136	13,215	13,240	13,248	13,329	13,365	13,376	13,455	13,531	13,576
Hotels and other lodging places .....	894	904	891	874	882	877	868	889	901	894	916	931	-
Personal services .....	892	891	892	881	879	875	873	873	866	871	866	865	-
Medical and other health services .....	3,758	3,778	3,798	3,822	3,848	3,876	3,895	3,932	3,952	3,984	4,016	4,041	-
Educational services .....	1,221	1,229	1,230	1,217	1,240	1,246	1,252	1,245	1,244	1,246	1,242	1,267	-
<b>GOVERNMENT</b> .....	13,746	13,838	13,887	13,884	13,994	14,043	14,107	14,136	14,116	14,109	14,175	14,277	14,310
<b>FEDERAL</b> .....	2,626	2,636	2,654	2,651	2,670	2,675	2,683	2,698	2,683	2,691	2,693	2,704	2,705
<b>STATE AND LOCAL</b> .....	11,120	11,202	11,233	11,233	11,324	11,368	11,424	11,438	11,433	11,418	11,482	11,573	11,605

<sup>p</sup> preliminary.

ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENTB-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted

in thousands

Industry division and group	1973						1974						
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. <sup>p</sup>	Oct. <sup>p</sup>	
<b>TOTAL</b> .....	51,856	52,044	51,915	51,781	51,948	51,855	51,917	52,039	52,003	51,937	52,011	52,097	52,070
<b>GOODS-PRODUCING</b> .....	18,257	18,322	18,347	18,157	18,156	18,079	18,086	18,092	18,040	17,933	17,927	17,886	17,771
<b>MINING</b> .....	488	491	495	501	503	500	504	507	507	508	509	510	513
<b>CONTRACT CONSTRUCTION</b> .....	3,049	3,057	3,081	2,974	3,090	3,063	3,000	2,995	2,935	2,879	2,924	2,894	2,865
<b>MANUFACTURING</b> .....	14,720	14,774	14,771	14,682	14,563	14,516	14,582	14,590	14,598	14,546	14,494	14,482	14,393
<b>DURABLE GOODS</b> .....	8,674	8,712	8,712	8,624	8,524	8,489	8,578	8,577	8,599	8,569	8,515	8,516	8,492
Ordinance and accessories .....	97	93	96	96	96	96	96	94	93	95	95	96	97
Lumber and wood products .....	546	548	555	555	557	557	561	555	546	542	530	527	510
Furniture and fixtures .....	434	434	434	434	430	430	430	430	430	423	423	418	410
Stone, clay, and glass products .....	562	561	568	565	565	565	559	563	554	556	554	547	544
Primary metal industries .....	1,093	1,096	1,094	1,079	1,067	1,053	1,055	1,058	1,063	1,055	1,066	1,075	1,078
Fabricated metal products .....	1,131	1,137	1,134	1,127	1,117	1,111	1,117	1,118	1,123	1,128	1,121	1,116	1,105
Machinery, except electrical .....	1,411	1,441	1,447	1,448	1,435	1,444	1,446	1,444	1,457	1,444	1,461	1,463	1,467
Electrical equipment and supplies .....	1,412	1,417	1,423	1,417	1,407	1,396	1,397	1,391	1,393	1,395	1,348	1,357	1,356
Transportation equipment .....	1,331	1,324	1,298	1,233	1,180	1,164	1,242	1,247	1,260	1,254	1,257	1,249	1,259
Instruments and related products .....	314	318	320	321	324	325	328	328	333	331	331	329	327
Miscellaneous manufacturing .....	343	343	343	349	346	348	347	349	347	346	343	339	333
<b>NONDURABLE GOODS</b> .....	6,046	6,062	6,059	6,058	6,039	6,027	6,004	6,013	5,999	5,977	5,979	5,966	5,901
Food and kindred products .....	1,171	1,184	1,191	1,196	1,196	1,204	1,190	1,189	1,167	1,160	1,174	1,181	1,166
Tobacco manufactures .....	59	62	62	63	63	64	63	62	64	62	59	56	58
Textile mill products .....	902	903	904	904	899	893	890	888	886	876	878	870	852
Apparel and other textile products .....	1,161	1,155	1,144	1,137	1,131	1,118	1,120	1,123	1,116	1,112	1,100	1,096	1,084
Paper and allied products .....	563	562	560	565	565	565	563	565	562	562	560	559	545
Printing and publishing .....	662	664	666	666	668	662	661	663	668	666	666	665	662
Chemicals and allied products .....	610	608	609	611	607	611	607	609	614	617	620	625	621
Petroleum and coal products .....	120	120	122	123	120	120	120	123	123	122	122	121	122
Rubber and plastics products, nec .....	543	549	547	545	542	538	537	538	550	548	552	547	545
Leather and leather products .....	255	255	254	248	248	252	252	252	251	250	248	246	246
<b>SERVICE-PRODUCING</b> .....	33,599	33,722	33,568	33,624	33,792	33,776	33,831	33,947	33,963	34,004	34,084	34,211	34,299
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,019	4,002	3,988	4,028	4,033	4,016	4,006	4,008	3,993	3,985	3,985	3,963	3,986
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,596	14,657	14,517	14,528	14,599	14,599	14,654	14,687	14,691	14,741	14,758	14,816	14,851
<b>WHOLESALE TRADE</b> .....	3,456	3,483	3,468	3,494	3,502	3,506	3,509	3,519	3,520	3,513	3,523	3,527	3,553
<b>RETAIL TRADE</b> .....	11,140	11,174	11,049	11,034	11,097	11,093	11,145	11,168	11,171	11,228	11,235	11,289	11,298
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,165	3,171	3,169	3,162	3,174	3,178	3,181	3,186	3,185	3,173	3,181	3,187	3,186
<b>SERVICES</b> .....	11,819	11,892	11,894	11,906	11,986	11,983	11,990	12,066	12,094	12,105	12,160	12,245	12,276

<sup>1</sup> For coverage of series, see footnote 1, table B 2.

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**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

	State and area	Total			Mining			Contract construction			Manufacturing		
		Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>
1	HAWAII	323.3	339.4	329.7	(1)	(1)	(1)	27.1	29.0	29.1	23.0	25.9	23.1
2	Honolulu	273.2	287.0	278.4	(1)	(1)	(1)	23.2	24.7	24.8	17.1	19.5	17.1
3	IDAHO	258.1	267.1	269.0	3.4	3.5	3.6	16.3	16.1	15.7	49.0	49.0	50.1
4	Boise City	55.8	57.1	57.4	(1)	(1)	(1)	4.2	4.3	4.5	5.7	6.1	5.8
5	ILLINOIS	4,430.0	4,458.6	(*)	23.4	23.9	(*)	205.7	206.1	(*)	1,357.7	1,329.6	(*)
6	Bloomington—Normal	44.8	44.6	(*)	(2)	(2)	(*)	2.0	2.0	(*)	7.4	7.3	(*)
7	Champaign—Urbana	62.3	62.7	(*)	(2)	(2)	(*)	3.8	3.7	(*)	6.0	5.9	(*)
8	Chicago SMSA <sup>4</sup>	3,020.7	3,049.2	(*)	4.2	4.0	(*)	135.1	128.2	(*)	923.5	887.9	(*)
9	Chicago—Northwestern Indiana	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
10	Davenport—Rock Island—Moline	140.1	143.0	(*)	(2)	(2)	(*)	8.1	7.7	(*)	44.6	47.3	(*)
11	Decatur	52.4	53.2	54.1	(2)	(2)	(2)	2.7	3.1	3.1	21.4	22.3	22.4
12	Peoria	137.9	139.4	(*)	(2)	(2)	(*)	9.3	9.9	(*)	50.1	50.5	(*)
13	Rockford	114.6	108.1	115.5	(2)	(2)	(2)	4.3	3.6	3.6	56.3	51.2	57.5
14	Springfield	72.2	80.1	(*)	(2)	(2)	(*)	4.3	4.3	(*)	9.0	9.7	(*)
15	INDIANA	2,050.0	2,032.7	2,051.4	7.1	7.4	7.3	97.0	98.3	96.7	768.7	742.7	750.3
16	Evansville	109.4	111.2	109.7	1.8	1.8	1.8	5.7	5.5	5.5	39.8	40.3	40.1
17	Fort Wayne	160.4	162.2	162.8	(1)	(1)	(1)	7.2	7.6	7.3	62.9	61.8	61.7
18	Gary—Hammond—East Chicago <sup>4</sup>	238.9	240.2	237.3	(1)	(1)	(1)	12.1	11.9	12.0	107.2	107.5	106.1
19	Indianapolis	461.0	450.0	456.4	(1)	(1)	(1)	22.3	22.1	21.7	131.1	121.7	127.7
20	Muncie	48.8	47.0	48.9	(1)	(1)	(1)	2.2	2.1	2.0	17.4	17.1	17.5
21	South Bend	104.7	104.1	104.8	(1)	(1)	(1)	4.8	4.9	4.8	33.3	33.7	33.3
22	Terre Haute	58.1	57.6	59.6	.9	.9	.9	2.0	2.4	2.4	17.2	17.3	17.2
23	IOWA	988.5	1,007.5	1,014.0	3.1	3.2	3.1	50.9	51.7	50.1	243.8	248.6	248.8
24	Cedar Rapids	71.1	73.0	73.1	(1)	(1)	(1)	3.8	3.8	3.9	25.1	26.8	26.9
25	Des Moines	146.3	148.8	149.3	(1)	(1)	(1)	7.0	7.3	7.5	26.7	26.5	26.2
26	Dubuque	39.5	41.0	41.4	(1)	(1)	(1)	1.5	1.8	1.8	16.2	17.3	17.3
27	Sioux City	46.8	48.9	49.1	(1)	(1)	(1)	2.8	3.5	3.4	12.2	13.9	13.3
28	Waterloo—Cedar Falls	56.7	56.8	59.1	(1)	(1)	(1)	2.5	2.8	2.8	21.5	21.0	21.6
29	KANSAS <sup>5</sup>	773.8	779.8	790.9	9.9	10.4	10.1	39.3	40.8	39.4	163.7	169.9	171.0
30	Topeka <sup>5</sup>	73.4	73.4	73.7	.1	.1	.1	3.6	3.0	2.9	10.6	10.8	10.5
31	Wichita <sup>5</sup>	160.8	168.0	169.8	2.0	2.2	2.1	8.2	9.7	9.6	49.7	52.5	53.8
32	KENTUCKY	1,055.7	1,058.8	1,066.0	32.8	34.5	34.4	64.3	61.5	60.7	290.5	286.4	287.8
33	Lexington—Fayette	118.7	124.0	124.1	(1)	(1)	(1)	7.5	7.8	7.5	30.1	29.3	29.5
34	Louisville	369.6	366.7	369.2	(1)	(1)	(1)	20.5	19.8	19.4	119.4	112.2	117.2
35	LOUISIANA	1,169.3	1,169.3	1,182.7	52.8	52.9	52.8	81.7	81.9	82.0	184.3	177.3	180.0
36	Baton Rouge	139.7	144.9	145.2	.8	.8	.8	13.4	16.3	15.6	21.2	21.4	21.5
37	Lake Charles	46.7	47.8	47.8	1.2	1.2	1.2	4.5	5.5	5.3	10.5	11.1	10.7
38	Monroe	43.5	44.1	43.8	.4	.4	.4	4.1	4.0	3.9	7.0	7.3	7.2
39	New Orleans	413.5	416.3	418.7	13.9	15.0	14.8	29.3	29.3	29.5	53.5	51.0	50.1
40	Shreveport	116.7	114.7	119.0	3.7	3.8	3.8	7.8	7.8	7.7	25.4	20.0	24.0
41	MAINE	359.5	370.9	360.8	(1)	(1)	(1)	21.8	22.1	21.3	105.3	107.1	104.3
42	Lewiston—Auburn	30.9	31.2	30.9	(1)	(1)	(1)	1.6	1.6	1.6	11.7	11.7	11.6
43	Portland	70.6	71.2	71.0	(1)	(1)	(1)	4.6	4.4	4.3	14.5	14.9	14.4
44	MARYLAND	1,428.0	1,453.1	1,458.7	1.5	1.5	1.5	115.2	115.6	112.9	257.9	256.1	256.1
45	Baltimore	848.1	856.3	861.0	.3	.3	.3	52.4	51.6	50.4	182.6	179.8	181.2
46	MASSACHUSETTS	2,358.9	2,373.1	2,391.9	(1)	(1)	(1)	117.6	115.0	113.3	621.2	621.6	620.2
47	Boston	1,298.3	1,301.7	1,313.9	(1)	(1)	(1)	60.9	59.0	58.5	256.7	254.3	256.1
48	Brockton	59.9	61.1	61.3	-	-	-	3.0	3.4	3.2	15.9	15.8	15.6
49	Fall River	50.3	47.0	47.4	(1)	(1)	(1)	(1)	(1)	(1)	21.7	20.2	20.4
50	Lawrence—Haverhill	82.5	86.9	87.0	(1)	(1)	(1)	2.2	2.2	2.2	36.7	39.6	39.0
51	Lowell <sup>6</sup>	60.9	61.0	61.6	(1)	(1)	(1)	3.3	3.2	3.0	22.3	22.1	22.0
52	New Bedford	60.7	60.2	60.3	(1)	(1)	(1)	2.1	2.2	2.1	26.7	26.6	26.6
53	Springfield—Chicopee—Holyoke	192.8	195.7	197.4	(1)	(1)	(1)	9.1	9.0	8.8	63.1	63.8	63.6
54	Worcester	134.0	134.0	134.4	(1)	(1)	(1)	5.6	4.9	5.0	43.7	44.0	43.6
55	MICHIGAN	3,279.4	3,221.7	3,256.3	13.0	11.2	13.3	139.8	125.7	120.0	1,186.5	1,100.1	1,133.7
56	Ann Arbor	113.3	108.2	113.4	(1)	(1)	(1)	3.1	2.6	2.5	40.5	34.9	38.1
57	Battle Creek	66.7	65.8	65.4	(1)	(1)	(1)	2.3	2.1	2.1	26.6	25.9	25.2
58	Bay City	32.9	31.2	31.6	(1)	(1)	(1)	1.8	1.0	1.1	10.7	9.8	10.1
59	Detroit	1,670.3	1,665.5	1,683.4	1.3	.9	.9	67.1	63.4	62.3	623.0	581.9	601.0
60	Flint	185.1	165.2	180.6	(1)	(1)	(1)	8.1	7.5	7.5	86.3	69.4	78.7

See footnotes at end of table.













**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
<b>TEXAS - Continued</b>												
1 Galveston - Texas City .....	56.5	57.8	58.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.7	3.8	10.6	9.9	9.9
2 Houston .....	897.7	933.5	939.6	32.5	35.1	35.1	76.9	78.1	77.6	161.7	170.6	170.9
3 Lubbock .....	68.8	71.0	72.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.1	4.1	9.4	11.9	11.4
4 San Antonio .....	304.2	309.9	308.7	1.9	2.0	2.0	23.5	22.7	22.1	37.9	38.8	38.6
5 Waco .....	56.1	55.8	56.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.1	2.9	13.7	13.6	13.6
6 Wichita Falls .....	41.4	42.3	43.3	1.7	1.8	1.9	2.1	2.2	2.1	6.3	6.8	6.9
7 <b>UTAH</b> <sup>5</sup> .....	426.3	438.5	445.4	12.4	13.6	13.6	27.0	25.2	25.0	66.1	72.1	72.1
8 Salt Lake City-Ogden <sup>6</sup> .....	305.4	321.8	323.0	6.5	6.7	6.7	18.2	19.3	18.9	43.6	48.8	49.0
9 <b>VERMONT</b> .....	166.7	168.7	167.8	.9	.8	.8	12.5	10.5	10.5	42.1	43.8	43.1
10 Burlington <sup>16</sup> .....	41.1	40.6	41.3	-	-	-	-	-	-	9.0	9.3	9.1
11 Springfield <sup>16</sup> .....	13.8	13.9	13.8	-	-	-	-	-	-	6.2	6.5	6.4
12 <b>VIRGINIA</b> <sup>17</sup> .....	1,744.8	1,772.0	1,776.3	16.3	17.8	17.9	126.7	131.2	126.2	402.0	398.0	401.0
13 Lynchburg .....	60.1	60.4	60.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.8	3.6	26.4	26.6	26.7
14 Newport News-Hampton .....	128.3	129.9	130.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	8.3	8.2	34.5	32.9	33.0
15 Norfolk Virginia Beach-Portsmouth .....	245.4	250.6	249.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.4	20.6	20.0	29.5	29.7	29.9
16 Northern Virginia <sup>18</sup> .....	334.8	340.5	338.6	.4	.4	.4	31.2	28.5	27.1	11.8	12.3	12.2
17 Richmond .....	270.0	274.2	274.5	.3	.3	.3	19.8	19.6	19.1	53.6	54.7	54.3
18 Roanoke .....	95.3	97.6	97.0	.3	.3	.3	6.0	7.0	6.9	22.4	22.4	22.5
19 <b>WASHINGTON</b> .....	1,176.6	1,206.5	1,220.7	2.0	2.1	2.1	61.3	56.0	58.1	255.5	259.3	262.7
20 Seattle-Everett .....	545.8	559.9	563.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.2	23.5	24.4	124.4	130.4	130.4
21 Spokane .....	99.4	102.2	103.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	4.5	4.6	13.7	14.5	14.2
22 Tacoma .....	111.9	114.2	117.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	5.5	5.8	20.3	20.4	21.1
23 <b>WEST VIRGINIA</b> .....	565.1	562.6	561.2	52.3	52.8	50.5	38.2	35.2	34.8	130.3	128.7	128.2
24 Charleston .....	96.8	97.7	94.4	4.5	4.6	1.9	8.5	7.5	7.4	17.9	18.2	18.2
25 Huntington-Ashland .....	89.2	90.4	90.3	.7	.7	.7	4.2	4.2	4.3	27.4	27.9	27.6
26 Wheeling .....	61.5	62.5	61.7	6.3	6.4	6.3	2.6	2.4	2.4	15.7	15.5	15.1
27 <b>WISCONSIN</b> .....	1,693.7	1,698.9	1,722.0	2.9	2.9	2.8	76.2	74.6	73.6	546.5	544.3	556.3
28 Appleton-Oshkosh .....	109.3	111.0	111.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.2	5.5	5.3	43.6	45.3	45.3
29 Green Bay .....	63.5	65.6	66.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.8	3.7	19.5	19.8	19.7
30 Kenosha .....	42.4	44.0	44.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.7	1.6	19.8	20.8	20.8
31 La Crosse .....	33.5	34.4	35.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.4	1.4	8.8	9.7	9.5
32 Madison .....	133.5	134.5	138.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	7.4	7.4	17.2	17.7	17.8
33 Milwaukee .....	607.5	599.9	615.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.7	24.2	24.0	210.5	202.8	214.0
34 Racine .....	61.3	63.9	61.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.2	2.3	27.9	29.3	29.4
35 <b>WYOMING</b> .....	131.2	136.5	(*)	13.5	15.6	(*)	14.1	14.8	(*)	7.9	7.9	(*)
36 Casper .....	21.4	22.5	(*)	3.0	3.5	(*)	1.7	2.1	(*)	1.7	1.5	(*)
37 Cheyenne .....	23.2	23.7	(*)	( <sup>1</sup> )	( <sup>1</sup> )	(*)	2.6	3.2	(*)	1.8	1.8	(*)

<sup>1</sup> Combined with services.  
<sup>2</sup> Combined with construction.  
<sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.  
<sup>4</sup> Area included in Chicago--Northwestern Indiana Standard Consolidated Area.  
<sup>5</sup> Revised to 1974 benchmark; not strictly comparable with previously published data.  
<sup>6</sup> Revised to 1973 benchmark; not strictly comparable with previously published data.  
<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>8</sup> Area included in New York--Northeastern New Jersey Standard Consolidated Area.  
<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>10</sup> Area included in New York and Nassau--Suffolk combined SMSA's.  
<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>12</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.

<sup>14</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>15</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>16</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>17</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>18</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.  
 \* Not available.  
 p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

B-7. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	
5.2	4.8	4.9	10.6	10.6	10.6	3.5	3.7	3.7	8.7	9.3	9.1	15.1	15.8	16.0	1
73.7	75.5	75.8	217.0	227.0	227.4	57.5	63.6	62.7	171.6	182.5	181.4	106.8	101.1	108.7	2
4.5	4.6	4.5	21.0	21.6	21.6	3.3	3.5	3.5	11.6	11.5	12.0	14.8	13.8	15.5	3
12.9	13.9	13.9	75.5	75.6	74.9	20.9	21.7	21.5	49.5	50.9	50.5	82.1	84.3	85.2	4
2.8	2.8	2.8	12.8	12.8	12.9	3.1	3.1	3.1	11.3	10.6	11.5	9.4	9.8	9.8	5
2.3	2.4	2.5	10.4	10.6	10.6	1.7	1.8	1.8	6.4	6.8	6.7	10.5	9.9	10.8	6
26.0	26.6	26.9	100.3	102.5	103.5	19.1	21.0	20.7	72.5	74.2	77.1	102.9	103.4	106.5	7
20.9	22.4	22.4	75.0	77.9	78.8	15.9	17.3	17.1	47.8	51.7	51.1	77.4	77.7	79.0	8
8.5	8.6	8.5	34.0	34.2	34.3	6.9	6.9	7.0	33.0	35.5	33.5	29.0	28.4	30.2	9
2.2	2.1	2.1	8.9	8.6	9.0	-	-	-	8.1	8.1	8.0	-	-	-	10
.9	.9	.9	2.0	2.1	2.0	-	-	-	2.1	2.1	2.1	-	-	-	11
106.9	109.7	108.7	356.5	360.0	358.5	84.3	87.7	85.6	262.9	279.0	274.2	389.2	388.6	404.2	12
2.5	2.5	2.5	10.3	10.1	10.1	2.7	2.8	2.7	7.4	7.7	7.9	7.0	6.9	7.2	13
4.4	4.8	4.7	22.5	22.6	22.5	4.1	4.4	4.3	19.9	21.4	21.1	34.9	35.5	36.3	14
17.6	17.6	17.5	60.6	61.3	60.9	11.9	12.3	12.2	39.6	43.3	40.5	65.8	65.8	68.3	15
25.3	26.4	26.1	79.2	80.6	77.6	22.2	23.7	22.8	66.7	70.4	70.2	98.0	98.2	102.2	16
17.7	17.9	17.9	61.5	63.0	63.0	22.1	22.7	22.5	40.4	41.6	41.5	54.6	54.4	55.9	17
10.7	10.8	10.6	21.6	22.1	21.9	5.0	5.2	5.2	16.7	16.4	16.6	12.6	13.4	13.0	18
73.6	76.3	75.9	267.1	279.7	281.8	64.3	67.2	66.5	198.6	211.1	211.5	254.2	254.8	262.1	19
39.9	41.0	41.0	123.7	128.0	128.4	38.5	39.6	39.3	93.9	98.0	98.4	100.2	99.4	101.4	20
8.1	8.0	7.9	26.9	28.2	27.8	6.3	6.5	6.4	21.5	23.5	24.5	17.2	17.0	18.1	21
5.6	6.2	6.0	25.6	25.8	26.3	5.8	6.1	6.0	20.4	21.3	22.8	27.5	28.9	29.0	22
40.6	41.8	41.5	107.6	107.8	107.9	18.1	18.4	18.1	75.6	75.6	75.7	102.5	102.3	104.6	23
9.2	9.2	9.1	21.8	22.3	22.4	4.3	4.4	4.4	14.7	14.9	14.9	15.8	16.5	16.0	24
8.9	9.1	9.1	18.3	18.5	18.4	3.3	3.3	3.3	12.2	12.3	12.3	14.3	14.3	14.6	25
3.3	4.1	4.0	13.5	13.8	13.8	2.4	2.5	2.4	10.7	10.9	10.9	6.9	7.0	6.8	26
85.2	82.9	83.0	370.4	380.1	381.8	69.3	72.8	72.1	269.6	280.3	279.6	273.5	261.1	272.7	27
4.1	4.1	3.7	21.9	21.3	22.6	3.9	4.1	4.1	15.8	16.3	16.6	14.9	14.4	14.1	28
5.0	5.2	5.2	15.0	16.2	16.2	1.8	1.9	1.9	10.4	10.6	11.0	8.1	8.1	8.4	29
1.3	1.3	1.2	7.5	7.6	7.7	.8	.8	.8	6.4	6.6	6.9	5.3	5.2	5.6	30
2.2	2.2	2.2	8.4	8.7	8.9	.8	.8	.8	6.9	7.1	7.2	5.0	4.5	5.1	31
5.5	5.4	5.5	28.4	29.4	29.9	7.8	8.5	8.4	21.5	22.0	22.1	46.0	44.2	47.3	32
32.2	31.3	30.9	129.7	132.0	133.2	31.2	31.7	31.4	105.3	107.5	109.2	73.8	70.5	72.4	33
2.1	2.0	1.9	11.2	11.7	11.7	1.6	1.7	1.6	9.0	9.4	9.4	7.5	7.6	5.4	34
11.4	12.2	(*)	27.6	28.3	(*)	4.0	4.4	(*)	20.4	22.3	(*)	32.3	31.0	(*)	35
1.8	2.0	(*)	5.4	5.7	(*)	.8	1.0	(*)	3.0	3.2	(*)	4.0	3.5	(*)	36
2.9	2.9	(*)	4.7	4.3	(*)	1.1	1.2	(*)	4.0	4.0	(*)	6.1	6.3	(*)	37





**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
	<b>TOTAL PRIVATE</b>	37.3	37.0	37.1	36.8	36.6					
	<b>MINING</b>	43.0	42.9	43.0	42.8	43.4					
10	METAL MINING	42.6	42.0	38.7	40.6						
101	Iron and steel	43.0	42.4	41.3	45.4						
102	Copper	43.0	42.6	35.5	37.9						
11 12	COAL MINING	39.8	39.9	41.7	39.9						
12	Bituminous coal and lignite mines	39.7	39.8	41.8	39.9						
13	OIL AND GAS EXTRACTION	43.4	43.6	44.2	44.4						
131 2	Crude petroleum and natural gas fields	41.8	40.4	41.5	42.7						
138	Oil and gas lease operations	44.3	45.5	45.8	45.4						
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	47.0	46.3	45.9	45.8						
142	Quartz, sand, and gravel	48.9	48.2	47.8	47.3						
	<b>CONTRACT CONSTRUCTION</b>	37.9	37.7	37.8	37.8	38.2					
15	GENERAL BUILDING CONTRACTORS	36.3	36.4	36.5	36.6						
16	HEAVY CONSTRUCTION CONTRACTORS	41.4	40.5	41.6	41.0						
161	Highways, streets, and bridges	42.9	41.9	43.0	42.2						
162	Water supply and sewer lines	40.0	39.2	40.4	40.0						
17	SPECIAL TRADE CONTRACTORS	37.3	37.2	36.7	36.9						
171	Painting, papering, and wallpapering	37.6	37.8	37.7	38.2						
172	Plumbing, heating, and air conditioning	36.2	35.9	35.2	35.4						
173	Electric, electronic, and communications	38.5	38.4	37.7	38.2						
174	Wood, stone, brick, and masonry	34.4	35.2	34.7	34.8						
176	Railroad construction	34.8	35.4	34.4	34.2						
	<b>MANUFACTURING</b>	41.0	40.7	40.1	40.3	40.1	4.1	3.9	3.5	3.5	3.1
19 24 25	DURABLE GOODS	41.7	41.4	40.6	41.0	40.8	4.4	4.1	3.6	3.6	3.4
32 39	NONDURABLE GOODS	40.0	39.7	39.5	39.4	39.0	3.8	3.5	3.3	3.3	2.8
	<b>DURABLE GOODS</b>										
19	ORDNANCE AND ACCESSORIES	(1)	(1)	41.4	41.6	41.2	3.5	3.6	3.7	3.2	
192	Ammunition, except for small arms	(1)	(1)	41.0	41.2	41.9	3.1	3.4	2.9	2.7	
1925	Complete and partial missiles	(1)	(1)	41.7	41.5						
1929	Ammunition, except for small arms, nec.	40.2	40.4	39.9	40.7						
24	LUMBER AND WOOD PRODUCTS	40.9	40.7	40.0	39.5	38.7	4.3	4.1	3.8	3.3	
242	Sawmills and planing mills	40.9	40.7	40.3	40.0	(*)	4.5	4.3	4.3	3.7	
2421	Sawmills and planing mills, general	41.0	40.8	40.4	40.1						
243	Wood preservation and other wood products	40.7	40.6	39.7	39.6	(*)	4.0	3.7	3.2	2.9	
2431	Paints and varnishes	39.8	39.6	39.0	39.3						
2432	Wood preservatives and coatings	41.4	41.3	40.3	39.9						
244	Wooden ware, boxes, and crates	40.0	39.8	39.3	38.4	38.3	3.7	3.3	2.3	2.5	
2411 2	Wooden boxes, staves, and crates	40.0	39.8	38.8	38.0						
249	Miscellaneous wood products	41.6	41.4	41.0	40.9	40.6	4.4	4.3	3.9	3.9	
25	FURNITURE AND FIXTURES	40.2	39.9	39.4	39.1	38.5	3.4	3.2	2.6	2.7	
251	Household furniture	40.0	39.9	39.1	38.6	(*)	3.3	3.1	2.4	2.4	
2511	Wood household furniture	40.4	40.5	39.9	39.4		3.8	3.6	3.0	3.0	
2512	Upholstered household furniture	39.3	39.3	38.1	37.3						
2515	Mattresses and bedspreads	39.6	38.5	38.6	38.2						
252	Office furniture	42.0	41.1	41.5	41.4		4.3	3.9	3.9	4.3	
254	Partitions and fixtures	40.5	40.0	39.9	40.0		4.3	3.6	3.3	3.0	
252 9	Other furniture and fixtures	39.8	39.4	39.0	39.3	(*)	3.3	2.6	2.8	3.1	
32	STONE, CLAY, AND GLASS PRODUCTS	42.6	42.3	41.8	41.6	41.5	5.5	5.3	4.8	4.7	
321	Foot glass	44.4	44.9	42.6	42.8		6.2	6.4	4.4	4.0	
322	Glass and glassware, pressed or blown	40.6	40.7	40.3	40.2	(*)	4.4	4.5	4.2	4.3	
3221	Glass containers	40.9	40.7	40.8	40.9						
3229	Pyrex and Hoya glass, nec.	40.2	40.6	39.7	39.3		3.4	3.5	3.3	3.1	
324	Ceramic, hydraulic	42.9	42.4	42.1	42.1	41.7	4.3	4.0	3.6	3.6	
325	Structural clay products	41.8	41.5	40.8	40.6	(*)	4.9	4.4	4.2	4.0	
2751	Brick and structural clay tile	42.1	41.6	41.0	40.3						
326	Pottery and related products	39.7	39.9	38.7	39.8		3.1	3.0	2.5	3.0	
327	Concrete, gypsum and plastic products	44.7	44.1	43.8	43.2	(*)	7.6	7.2	6.6	6.3	
328 9	Other stone and nonmetallic mineral products	42.7	42.1	41.9	41.8	41.5	5.1	4.7	4.6	4.3	
3291	Abrasive products	40.8	40.2	39.0	40.0						

See footnotes at end of table.





C-2. Gross hours and earnings of production or nonsupervisory workers <sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
<b>DURABLE GOODS Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	42.8	42.2	41.5	42.1	42.0	5.0	4.7	4.2	4.1	
331	Blast furnaces and basic steel products	42.2	41.3	41.0	42.1	( <sup>10</sup> )	4.0	3.5	3.5	3.3	
3312	Blast furnaces and steel mills	42.0	40.9	40.8	42.0		3.7	3.2	3.3	3.1	
332	Iron and steel foundries	43.5	43.6	42.2	42.4	( <sup>11</sup> )	6.5	6.4	5.4	5.3	
3321	Cast iron foundries	44.4	44.6	42.7	42.7		7.3	7.4	5.9	5.7	
3322	Machine tool foundries	42.0	41.4	39.4	41.2						
3323	Die casting foundries	41.7	41.7	41.9	42.2		4.6	4.6	4.8	4.6	
333	Nonferrous metal foundries	42.9	42.7	41.7	41.9	( <sup>12</sup> )	5.1	4.7	4.5	4.8	
3334	Primary aluminum	42.1	42.8	42.4	42.6						
3335	Primary magnesium	43.9	43.9	42.3	42.3	( <sup>13</sup> )	6.2	5.8	5.1	4.8	
3336	Primary zinc	43.5	43.1	41.4	40.9						
3337	Aluminum alloy castings	44.4	44.1	42.6	42.8		6.6	6.1	5.3	5.1	
3338	Nonferrous metal castings and installation	44.2	43.0	42.7	42.7		6.3	5.9	5.5	5.3	
336	Nonferrous foundries	41.3	41.1	40.2	40.0	( <sup>14</sup> )	4.5	4.5	3.4	3.0	
3361	Aluminum castings	41.3	41.1	39.9	39.6						
3362	Other nonferrous castings	41.2	41.2	40.6	40.5						
339	Miscellaneous primary metal products	43.4	43.0	41.8	42.8	( <sup>15</sup> )	6.3	5.7	4.9	5.5	
3391	Iron and steel forgings	43.8	43.1	41.9	42.7						
34	<b>FABRICATED METAL PRODUCTS</b>	41.8	41.6	41.0	41.3	41.1	4.4	4.3	3.8	3.9	
341	Metal coils	44.7	42.9	45.8	44.0	( <sup>16</sup> )	5.8	4.3	6.2	5.3	
342	Cutlery, hand tools, and hardware	41.0	40.8	40.1	40.4	( <sup>17</sup> )	3.7	3.5	3.2	3.0	
3421, 35	Cutlery and hand tools, incl. saws	41.3	41.1	40.1	40.6						
3429	Hardware, nec.	40.7	40.6	40.1	40.2						
343	Plastic machinery, except electric	40.2	40.3	39.1	39.0	( <sup>18</sup> )	3.4	3.4	2.3	1.9	
3431, 2	Sanitary ware and plastic of brass foods	40.2	40.5	38.5	39.0						
3433	Heat tap equipment, except electric	40.2	40.2	39.6	39.0						
344	Fabricated structural metal products	41.6	41.5	40.6	41.0	( <sup>19</sup> )	4.2	4.1	3.5	3.8	
3441	Fabricated structural steel	42.5	41.8	41.5	42.1		4.7	4.4	4.1	4.4	
3442	Metal tanks, steel, aluminum	39.0	38.7	38.2	38.4						
3443	Fabricated steel pipe, metal stoves	41.9	41.7	41.2	41.6		4.1	3.9	3.8	3.8	
3444	Sheet metal work	41.6	41.7	39.7	40.4						
3446, 9	Architectural and basic metal work	42.9	42.6	42.0	42.1						
345	Semi-machine products, basic, etc.	43.0	44.0	42.9	43.3	( <sup>20</sup> )	6.5	6.5	5.3	5.4	
3451	Semi-machine products	43.4	43.2	41.9	42.7						
3452	Boils, nuts, rivets, and washers	44.6	44.8	43.7	43.9						
346	Metal stamping	41.6	42.1	41.5	42.4	( <sup>21</sup> )	4.5	4.8	4.1	4.9	
347	Metal services, nec.	40.8	40.3	40.0	39.9	39.7	4.3	4.0	3.5	3.7	
348	Miscellaneous fabricated metal products	41.2	40.8	40.9	41.1	( <sup>22</sup> )	4.1	3.9	3.7	3.6	
349	Miscellaneous fabricated metal products	42.0	41.6	40.4	40.9	40.5	4.3	4.0	3.6	3.3	
3494, 8	Welding, except in trade fixtures	42.3	42.1	40.5	41.1						
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	43.0	42.5	42.2	42.8	42.4	5.2	4.8	4.4	4.6	
351	Engines and turbines	42.9	42.5	41.8	42.8	( <sup>23</sup> )	5.2	5.0	5.1	4.9	
3511	Steam engines and turbines	41.4	41.9	40.6	42.2						
3519	Internal combustion engines, nec.	43.6	42.7	42.4	43.1						
352	Farm machinery	42.4	42.3	41.6	41.6		5.0	4.5	3.9	4.6	
353	Construction and related machinery	42.9	41.9	42.4	42.8	( <sup>24</sup> )	4.4	4.1	4.5	4.3	
3531, 2	Construction and related machinery	43.2	41.7	42.3	42.8		4.3	3.6	4.4	4.5	
3533	Off belt machinery	43.1	43.1	45.2	45.6						
3535, 6	Conveyors, cranes, cranes, monorails	42.9	42.6	41.9	41.7						
3537	Excavators, trucks and tractors	41.4	40.7	39.3	39.8						
354	Metal working machinery	44.3	44.0	43.2	43.8	43.4	6.5	6.4	5.5	5.9	
3541	Machine tools, metal cutting types	45.4	44.9	43.9	45.1		7.4	6.8	6.3	6.7	
3544	Special machine tools, machine tools	44.7	44.6	43.8	44.4						
3545	Machine tool accessories	44.0	43.1	43.6	43.7		5.9	5.2	5.0	5.3	
3542, 8	Miscellaneous metal working machinery	42.8	42.6	41.1	41.7						
355	Special industry machinery	43.3	43.0	41.5	42.0	( <sup>25</sup> )	5.3	4.9	4.1	4.3	
3551	Food products machinery	42.7	42.8	41.8	42.1						
3552	Textile machinery	41.6	41.3	40.0	39.8						
3555	Printing and book machinery	44.5	44.0	42.1	42.2						
356	General industrial machinery	43.1	42.6	41.7	42.2	41.6	5.4	5.1	4.5	4.5	
3561	Pumps and compressors	42.4	42.6	41.0	42.0		4.7	4.7	3.8	4.1	
3562	Ball and roller bearings	44.3	43.5	43.5	43.2		6.6	6.0	5.8	5.1	
3564	Blowers and fans	42.4	41.8	41.1	40.8						
3566	Power transmission equipment	43.7	43.2	42.1	42.9		6.1	5.9	4.7	5.4	
357	Office and computing machines	42.1	41.8	41.6	42.5	( <sup>26</sup> )	4.0	3.5	2.9	3.4	
3573	Electronic computing equipment	42.3	42.2	42.2	43.0						
358	Service industry machines	40.9	40.7	39.8	40.3	40.6	3.2	3.0	2.7	2.6	
3585	Refrigeration machinery	41.0	41.1	39.8	40.1		3.2	3.3	2.7	2.4	
359	Miscellaneous machinery, except electrical	43.2	42.8	44.1	44.8	44.2	6.0	5.4	4.9	5.4	

See footnotes at end of table.



C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	40.6	40.2	39.6	40.1	40.3	3.3	3.1	2.5	2.7	-
361	Electric test and distributing equipment	41.1	40.9	40.7	41.0	(*)	3.7	3.2	3.0	3.2	-
3611	Electric measuring instruments	39.9	39.7	39.6	40.0	-	2.6	2.6	2.2	2.6	-
3612	Transformers	41.5	41.0	40.7	40.9	-	-	-	-	-	-
3613	Switchgear and switchboard apparatus	41.8	41.7	41.7	41.8	-	-	-	-	-	-
362	Electrical industrial apparatus	41.3	41.0	40.5	41.2	(*)	3.7	3.6	3.0	3.3	-
3621	Motors and generators	41.4	40.8	40.1	40.9	-	3.8	3.5	2.9	3.2	-
3622	Industrial controls	40.1	40.5	39.8	40.5	-	2.9	3.1	2.5	2.6	-
363	Household appliances	41.7	40.6	40.1	40.3	40.1	3.4	3.1	2.7	3.0	-
3632	Household refrigerators and freezers	43.1	41.5	42.4	42.9	-	-	-	-	-	-
3633	Household laundry equipment	(↓)	(↓)	↑39.8	↑38.5	-	-	-	-	-	-
3634	Electric housewares and fans	41.1	40.7	38.4	39.1	-	3.6	3.5	2.3	2.6	-
364	Electric lighting and wiring equipment	39.8	39.6	39.2	38.7	(*)	2.9	2.7	2.1	2.0	-
3641	Electric lamps	40.1	40.6	40.1	40.0	-	2.4	2.5	1.9	1.9	-
3642	Lighting fixtures	(↓)	(↓)	↑39.1	↑38.5	-	2.5	2.3	2.5	2.2	-
3643.4	Wiring devices	40.5	39.9	38.9	38.3	-	3.4	3.0	2.0	1.9	-
365	Radio and TV receiving equipment	38.7	37.4	38.1	38.4	(*)	3.4	3.0	1.3	1.8	-
366	Communication equipment	41.1	40.6	38.6	41.0	(*)	3.0	2.7	2.3	2.6	-
3661	Telephone and telegraph apparatus	41.5	40.6	35.5	40.8	-	-	-	-	-	-
3662	Radio and TV communication equipment	40.8	40.6	40.1	41.2	-	2.8	2.8	2.7	3.0	-
367	Electronic components and accessories	39.7	39.5	38.9	39.0	(*)	3.1	2.9	2.1	2.1	-
3671.3	Electron tubes	40.2	39.9	39.7	39.3	-	2.6	2.0	2.5	2.2	-
3674.9	Other electronic components	39.6	39.4	38.7	38.9	-	3.1	3.1	2.1	2.1	-
369	Miscellaneous electrical equip. and supplies	42.0	42.3	41.4	42.0	(*)	4.2	4.7	3.6	3.7	-
3694	Engine electrical equipment	42.0	42.4	41.9	42.3	-	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	41.6	41.7	39.4	40.3	40.6	4.6	4.3	3.5	3.5	-
371	Motor vehicles and equipment	42.7	42.7	39.8	41.2	(*)	5.5	5.1	4.0	4.0	-
3711	Motor vehicles	42.5	42.6	38.5	40.5	-	5.7	4.8	4.2	4.0	-
3712	Passenger car bodies	42.7	41.7	30.5	39.4	-	-	-	-	-	-
3713	Truck and bus bodies	(↓)	(↓)	↑38.1	↑39.3	-	-	-	-	-	-
3714	Motor vehicle parts and accessories	43.2	43.5	42.1	42.4	-	5.8	5.9	4.4	4.5	-
3715	Truck trailers	40.2	40.1	39.8	39.2	-	-	-	-	-	-
372	Aircraft and parts	41.6	41.4	39.8	40.3	(*)	3.7	3.5	3.1	3.3	-
3721	Aircraft	41.2	40.7	38.3	38.6	-	3.0	2.6	2.2	2.2	-
3722	Aircraft engines and engine parts	42.1	42.1	40.7	41.5	-	4.4	4.5	3.4	3.9	-
3723.9	Other aircraft parts and equipment	41.9	42.1	42.1	32.7	-	4.2	4.1	4.7	5.0	-
373	Ship and boat building and repairing	39.2	39.7	37.8	38.1	(*)	3.3	3.8	2.9	3.1	-
3731	Ship building and repairing	38.7	39.3	37.5	37.8	-	-	-	-	-	-
3732	Boat building and repairing	40.7	40.9	38.9	39.4	-	-	-	-	-	-
374	Railroad equipment	39.2	38.8	40.4	40.6	-	2.8	2.3	3.4	2.4	-
375.9	Other transportation equipment	39.1	39.0	38.4	37.7	-	2.9	2.4	2.3	1.9	-
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	41.1	40.9	40.1	40.3	39.9	3.4	3.2	2.5	2.7	-
381	Engineering and scientific instruments	41.1	41.3	41.1	41.4	-	3.7	3.7	3.7	3.6	-
382	Mechanical measuring and control devices	41.3	40.8	39.8	39.6	(*)	3.7	3.1	2.5	2.0	-
3821	Mechanical measuring devices	41.8	41.4	40.2	40.2	-	4.1	3.6	2.7	2.5	-
3822	Automatic temperature controls	40.6	39.9	39.0	38.6	-	3.1	2.4	2.0	1.2	-
383.5	Optical and ophthalmic goods	39.9	39.8	40.1	39.8	40.0	2.7	2.5	2.3	2.6	-
385	Ophthalmic goods	39.1	39.0	38.9	38.6	-	2.2	2.0	1.8	1.8	-
384	Medical instruments and supplies	40.1	40.0	39.4	39.8	39.4	2.8	2.7	2.2	2.4	-
386	Photographic equipment and supplies	43.0	42.7	40.7	41.4	-	4.2	4.0	2.4	3.0	-
387	Watches, clocks, and watch cases	40.7	40.1	40.2	40.2	-	3.0	3.2	2.7	3.0	-
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	39.1	38.8	38.8	38.6	38.6	2.8	2.8	2.4	2.4	-
391	Jewelry, silverware, and plated ware	39.1	38.6	37.9	38.8	(*)	3.1	3.1	2.3	2.8	-
394	Toys and sporting goods	38.8	38.6	38.8	38.2	-	2.7	3.1	2.3	2.0	-
3941.3	Games, toys, dolls and play vehicles	38.4	38.2	38.8	38.1	-	-	-	-	-	-
3949	Sporting and athletic goods, nec	39.2	39.2	38.7	38.4	-	-	-	-	-	-
395	Pens, pencils, office and art supplies	40.9	40.1	40.1	39.8	-	3.4	3.0	2.9	3.3	-
396	Costume jewelry and notions	38.0	37.2	37.8	37.6	-	2.4	2.0	2.1	2.3	-
393.9	Other manufacturing industries	39.4	39.4	39.2	39.1	(*)	2.8	2.8	2.4	2.5	-
393	Musical instruments and parts	40.4	40.2	40.8	39.3	-	2.8	2.8	3.1	2.6	-
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	41.3	40.6	41.0	41.1	40.3	4.8	4.3	4.4	4.7	-
201	Meat products	40.9	41.3	40.8	41.0	40.7	4.7	4.9	4.3	4.7	-
2011	Meat packing plants	41.5	42.3	41.9	43.0	-	4.9	5.2	4.7	5.7	-
2013	Sausages and other prepared meats	39.8	40.2	41.0	41.4	-	-	-	-	-	-
2015	Poultry dressing plants	40.6	40.3	39.1	37.9	-	-	-	-	-	-

See footnotes at end of table.



C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>a</sup>	Oct. 1974 <sup>b</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>a</sup>	Oct. 1974 <sup>b</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	41.9	41.1	41.7	41.9	(8)	4.5	3.9	4.3	4.4	
2024	Ice cream and frozen desserts .....	41.0	40.2	41.1	40.3	-	-	-	-	-	
2026	Fluid milk .....	42.6	41.6	41.9	42.6	-	-	-	-	-	
203	Canned, cured, and frozen foods .....	40.9	38.4	40.7	41.0	-	4.7	3.4	4.3	5.0	
2031.6	Canned, cured, and frozen sea foods .....	35.5	35.8	38.9	39.5	-	-	-	-	-	
2032.3	Canned food, except sea foods .....	41.8	37.7	41.3	42.0	-	-	-	-	-	
2037	Frozen fruits and vegetables .....	42.2	40.8	39.6	39.7	-	-	-	-	-	
204	Grain mill products .....	45.3	45.3	44.5	44.8	44.2	8.0	7.5	7.2	7.7	
2041	Flour and other grain mill products .....	49.1	47.3	46.1	47.9	-	-	-	-	-	
2042	Prepared feeds for animals and fowls .....	44.7	44.7	44.3	44.5	-	-	-	-	-	
205	Bakery products .....	39.7	39.4	40.1	39.8	(8)	3.8	3.5	3.9	3.7	
2051	Bread, cake, and related products .....	39.2	38.9	39.8	39.5	-	-	-	-	-	
2052	Cookies and crackers .....	41.5	40.8	41.2	40.6	-	-	-	-	-	
206	Sugar .....	(1)	(1)	43.3	41.9	-	5.3	4.1	5.5	5.9	
207	Confectionery and related products .....	40.3	39.7	39.7	39.9	(8)	3.5	3.0	2.7	2.8	
2071	Confectionery products .....	39.9	39.4	39.1	39.3	-	-	-	-	-	
208	Beverages .....	40.7	40.1	40.7	40.0	39.7	4.3	3.8	4.1	3.6	
2082	Malt liquors .....	42.7	41.6	43.2	42.7	-	-	-	-	-	
2086	Bottled and canned soft drinks .....	39.8	38.4	39.8	38.9	-	-	-	-	-	
209	Miscellaneous foods and kindred products .....	42.4	42.3	40.9	41.1	(8)	5.3	5.5	4.5	4.4	
21	<b>TOBACCO MANUFACTURES</b> .....	39.0	40.6	38.1	38.9	39.2	2.1	3.4	1.7	1.8	
211	Cigarettes .....	38.3	41.8	38.4	38.2	-	2.5	4.5	1.4	1.3	
212	Cigars .....	38.1	38.3	36.9	38.9	-	1.2	2.3	1.1	2.0	
22	<b>TEXTILE MILL PRODUCTS</b> .....	41.0	40.6	39.6	39.2	38.2	4.5	4.3	3.4	3.1	
221	Weaving mills, cotton .....	42.2	41.5	40.8	40.3	(8)	5.5	5.1	4.1	3.8	
222	Weaving mills, synthetics .....	42.6	41.8	39.6	39.9	(8)	5.5	5.2	3.8	3.5	
223	Weaving and finishing mills, wool .....	41.3	40.5	39.5	39.1	(8)	4.0	3.6	2.7	2.7	
224	Narrow fabric mills .....	39.9	39.7	39.6	39.1	(8)	3.4	3.3	3.3	2.8	
225	Knitting mills .....	38.5	38.6	38.2	37.9	37.6	3.0	3.0	2.8	2.7	
2251	Women's hosiery, except socks .....	36.1	36.2	36.5	36.3	-	-	-	-	-	
2252	Hosiery, nec. .....	37.7	38.8	36.5	36.3	-	-	-	-	-	
2253	Knit outerwear mills .....	37.7	37.5	38.6	38.2	-	-	-	-	-	
2254	Knit underwear mills .....	38.3	38.3	37.2	37.0	-	-	-	-	-	
226	Textile finishing, except wool .....	41.4	40.7	39.7	40.4	(8)	4.7	4.5	3.5	4.0	
227	Floor covering mills .....	42.9	42.1	40.5	39.8	-	5.7	5.2	3.5	3.1	
228	Yarn and thread mills .....	41.5	41.1	39.3	38.0	(8)	4.7	4.6	3.1	2.4	
229	Miscellaneous textile goods .....	42.3	41.6	41.6	41.4	(8)	4.9	4.7	3.8	3.6	
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.9	35.8	35.6	35.5	35.7	1.6	1.6	1.3	1.2	
231	Men's and boys' suits and coats .....	36.0	35.8	35.3	35.3	(8)	1.3	1.3	1.0	1.1	
232	Men's and boys' furnishings .....	36.5	36.7	36.6	36.5	36.4	1.4	1.4	1.2	1.1	
2321	Men's and boys' shirts and nightwear .....	36.4	36.5	37.0	36.7	-	1.5	1.4	1.3	1.2	
2327	Men's and boys' separate trousers .....	36.7	36.8	36.1	36.5	-	-	-	-	-	
2328	Men's and boys' work clothing .....	36.6	37.2	36.7	36.2	-	1.3	1.4	1.1	1.0	
233	Women's and misses' outerwear .....	33.5	33.4	33.7	33.2	(8)	1.2	1.1	1.1	1.0	
2331	Women's and misses' blouses and waists .....	34.3	34.7	34.8	34.5	-	-	-	-	-	
2336	Women's and misses' dresses .....	32.3	32.1	32.5	31.7	-	1.0	1.1	1.0	1.7	
2337	Women's and misses' suits and coats .....	33.7	32.6	33.7	33.9	-	1.3	1.9	1.2	1.3	
2339	Women's and misses' outerwear, nec. .....	35.4	35.7	35.4	35.5	-	1.4	1.3	1.2	1.0	
234	Women's and children's undergarments .....	36.6	36.4	35.9	36.0	36.0	1.7	1.6	1.2	1.2	
2341	Women's and children's underwear .....	36.7	36.5	35.9	36.1	-	-	-	-	-	
2342	Corsets and allied garments .....	36.3	36.2	35.8	35.7	-	-	-	-	-	
235	Hats, caps, and millinery .....	(1)	(1)	36.3	35.6	-	1.9	1.8	1.2	1.0	
236	Children's outerwear .....	35.0	35.6	34.9	35.3	(8)	1.2	1.3	1.3	1.9	
2361	Children's dresses and blouses .....	34.1	35.5	34.3	34.3	-	-	-	-	-	
237.8	Fur goods and miscellaneous apparel .....	36.6	36.5	36.0	36.1	-	1.5	1.7	1.1	1.2	
239	Miscellaneous fabricated textile products .....	39.4	38.6	38.3	38.3	(8)	3.5	2.8	2.2	2.1	
2391.2	Housefurnishings .....	38.4	37.7	37.5	37.3	-	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	43.1	42.8	42.3	41.1	41.3	5.6	5.2	3.8	3.7	
261.2,6	Paper and pulp mills .....	45.3	45.2	44.6	43.2	-	7.1	6.7	4.3	6.6	
263	Paperboard mills .....	44.8	44.8	44.7	44.1	-	7.7	7.1	7.5	6.7	
264	Miscellaneous converted paper products .....	41.6	41.3	41.0	41.0	-	1.5	1.0	2.1	2.5	
2643	Bags, except textile bags .....	41.4	41.2	41.2	41.1	-	-	-	-	-	
265	Paperboard containers and boxes .....	42.0	41.3	40.5	40.3	-	4.6	4.3	3.1	3.2	
2651.7	Flanging and settop paperboard boxes .....	40.8	40.4	40.2	39.8	-	-	-	-	-	
2653	Corrugated and solid fiber boxes .....	42.9	42.0	40.8	40.7	-	5.1	4.9	3.7	3.9	
2654	Sanitary food containers .....	42.2	40.9	40.2	40.5	-	-	-	-	-	

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGS

88

C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b>	\$182.31	\$180.03	\$190.50	\$191.02	\$190.26	\$4.76	\$4.75	\$5.00	\$5.04	\$5.06
271	Newspapers	183.56	183.05	192.19	193.20	192.30	5.20	5.23	5.46	5.52	5.51
272	Periodicals	222.91	211.64	208.03	206.66	-	5.32	5.20	5.28	5.34	-
273	Books	168.42	165.90	172.70	175.33	-	4.20	4.20	4.35	4.45	-
275	Commercial printing	188.33	184.30	197.34	198.39	197.88	4.78	4.75	5.06	5.10	5.10
2751	Commercial printing, except lithographic	178.62	175.63	189.05	191.67	-	4.58	4.55	4.86	4.94	-
2752	Commercial printing, lithographic	202.69	198.07	211.77	210.99	-	5.08	5.04	5.43	5.41	-
278	Blankbooks and bookbinding	138.90	136.73	143.24	148.60	147.84	3.58	3.57	3.74	3.82	3.85
274.6, 7.9	Other publishing and printing ind.	183.22	182.75	196.89	196.67	193.66	4.71	4.71	5.01	5.03	5.03
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	190.26	190.23	202.94	205.92	206.17	4.53	4.54	4.89	4.95	4.98
281	Industrial chemicals	217.07	218.44	233.14	236.68	234.77	5.06	5.08	5.46	5.53	5.55
2812	Alkalies and chlorine	218.81	225.79	242.10	248.50	-	5.03	5.12	5.38	5.51	-
2818	Industrial organic chemicals, nec.	236.85	236.31	248.67	251.12	-	5.42	5.42	5.81	5.84	-
2819	Industrial inorganic chemicals, nec.	203.63	202.59	221.73	228.18	-	4.86	4.87	5.33	5.42	-
282	Plastics materials and synthetics	183.52	183.08	195.23	198.31	(*)	4.38	4.38	4.75	4.79	(*)
2821	Plastics materials and resins	205.24	206.15	215.82	220.16	-	4.74	4.75	5.09	5.12	-
2823.4	Synthetic fibers	166.05	164.42	178.57	179.74	-	4.05	4.03	4.42	4.46	-
283	Dyes	179.33	181.83	191.94	194.05	(*)	4.28	4.35	4.67	4.71	(*)
2834	Pharmaceutical preparations	175.98	178.07	186.96	189.47	-	4.20	4.26	4.56	4.61	-
284	Soap, cleaners, and toilet goods	182.78	179.78	193.73	195.43	(*)	4.48	4.45	4.76	4.79	(*)
2841	Soap and other detergents	238.40	237.86	252.84	258.16	-	5.57	5.61	6.02	6.06	-
2844	Toilet preparations	144.69	143.08	156.81	158.80	-	3.71	3.65	3.94	3.99	-
285	Paints and allied products	174.26	174.23	186.18	184.17	(*)	4.24	4.26	4.53	4.57	(*)
287	Agricultural chemicals	165.85	165.39	181.90	179.33	(*)	3.93	3.91	4.29	4.28	(*)
2871.2	Fertilizers, complete and in composition only	158.53	158.95	177.18	173.43	-	3.73	3.74	4.13	4.10	-
286.9	Other chemical products	179.33	177.59	189.20	193.93	(*)	4.28	4.30	4.66	4.73	(*)
2892	Explosives	179.58	180.40	188.97	192.96	-	4.38	4.40	4.76	4.80	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	227.47	224.08	239.67	249.25	244.02	5.29	5.26	5.72	5.81	5.81
291	Petroleum refining	236.32	232.55	250.28	261.61	(*)	5.60	5.55	6.06	6.17	(*)
295.9	Other petroleum and coal products	201.59	197.58	208.96	211.34	(*)	4.45	4.43	4.76	4.76	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	159.42	157.87	166.87	168.51	170.56	3.86	3.86	4.10	4.12	4.16
301	Tires and inner tubes	239.06	237.98	247.47	245.28	(*)	5.36	5.36	5.65	5.60	(*)
302.3, 6	Other rubber products	153.30	151.81	156.02	160.80	(*)	3.73	3.73	3.93	3.99	(*)
302	Rubber footwear	119.08	118.04	121.66	126.62	-	3.03	3.05	3.16	3.23	-
307	Miscellaneous plastics products	135.41	134.46	143.56	144.76	(*)	3.36	3.37	3.58	3.61	(*)
31	<b>LEATHER AND LEATHER PRODUCTS</b>	107.35	107.16	112.72	112.06	111.75	2.84	2.85	3.03	3.07	3.07
311	Leather tanning and finishing	148.88	147.00	156.42	163.21	(*)	3.75	3.75	3.97	4.02	(*)
314	Footwear, except rubber	103.40	102.67	108.19	105.67	105.14	2.75	2.76	2.94	2.96	2.97
312, 3.5, 7.9	Other leather products	106.50	107.16	111.45	113.39	(*)	2.81	2.82	2.98	3.04	(*)
316	Luggage	107.45	107.60	111.74	114.16	-	2.96	2.94	3.13	3.18	-
317	Handbags and personal leather goods	106.86	106.70	112.13	114.90	-	2.74	2.75	2.92	3.00	-
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>		(†)	(†)	†222.09	†226.85	†225.18	(†)	(†)	†5.43	†5.56	†5.56
<b>RAILROAD TRANSPORTATION:</b>											
4011	Class I railroads <sup>2</sup>	235.09	244.53	246.91	(*)	-	5.48	5.41	5.65	(*)	-
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>											
411	Local and suburban transportation	174.31	176.40	191.53	187.86	-	4.18	4.21	4.66	4.65	-
413	Inter-city highway transportation	(†)	(†)	†231.20	†231.05	-	(†)	(†)	†5.78	†5.82	-
42	<b>TRUCKING AND WAREHOUSING</b>	230.35	228.60	237.95	239.78	-	5.42	5.43	5.72	5.82	-
421.3	Trucking and trucking terminals	236.00	235.05	243.36	245.55	-	5.54	5.57	5.85	5.96	-
422	Public warehousing	153.50	150.51	166.44	167.28	-	3.79	3.68	4.03	4.07	-
46	<b>PIPE LINE TRANSPORTATION</b>	228.33	223.30	247.80	257.40	-	5.61	5.50	6.00	6.34	-
48	<b>COMMUNICATION</b>	195.05	194.00	195.69	211.58	-	4.84	4.85	4.88	5.25	-
481	Telephone communication	195.94	194.49	194.40	213.19	-	4.85	4.85	4.86	5.29	-
4817	Switchboard operating employees <sup>3</sup>	137.28	139.12	141.05	145.55	-	3.90	3.93	3.94	4.10	-
4818	Line construction employees <sup>4</sup>	261.05	257.28	256.38	281.03	-	5.75	5.73	5.71	6.19	-
482	Telegraph communication <sup>5</sup>	207.03	211.12	229.04	229.04	-	5.15	5.20	5.60	5.60	-
483	Radio and television broadcasting	191.88	194.34	203.21	202.31	-	4.87	4.92	5.03	5.02	-

See footnotes at end of table.

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. <sup>p</sup> 1974	Oct. <sup>p</sup> 1974	Sept. 1973	Oct. 1973	Aug. 1974	Sept. <sup>p</sup> 1974	Oct. <sup>p</sup> 1974
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b>	38.3	37.9	38.1	37.9	37.6	3.4	3.1	3.0	3.0	
271	Newspapers	35.3	35.0	35.2	35.0	34.9	2.5	2.3	2.3	2.4	
272	Periodicals	41.9	40.7	39.4	38.7	-	5.5	4.8	3.1	3.2	
273	Books	40.1	39.5	39.7	39.4	-	4.2	3.8	3.8	3.3	
275	Commercial printing	39.4	38.8	39.0	38.9	38.8	3.8	3.4	3.4	3.4	
2751	Commercial printing, except lithographic	39.0	38.6	38.9	38.8	-	3.5	3.3	3.2	3.3	
2752	Commercial printing, lithographic	39.9	39.3	39.0	39.0	-	4.2	3.7	3.6	3.7	
278	Blankbooks and bookbinding	38.8	38.3	38.3	38.9	38.4	2.7	2.3	2.2	2.7	
274,6,7,9	Other publishing and printing ind.	38.9	38.9	39.3	39.1	38.5	3.3	3.3	3.3	3.0	
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	42.0	41.9	41.5	41.6	41.4	3.9	3.6	3.6	3.6	
281	Industrial chemicals	42.9	43.0	42.7	42.8	42.3	4.5	4.3	4.2	4.4	
2817	Alkalies and chlorine	43.5	44.1	45.0	45.1	-	-	-	-	-	
2818	Industrial organic chemicals, nec.	43.7	43.6	42.8	43.0	-	5.1	4.7	4.2	4.2	
2819	Industrial inorganic chemicals, nec.	41.9	41.6	41.6	42.1	-	3.7	3.5	3.7	4.1	
282	Plastics materials and synthetics	41.9	41.8	41.1	41.4	(*)	3.6	3.3	3.3	3.4	
2821	Plastics materials and resins	43.3	43.4	42.4	43.0	-	5.1	4.8	4.9	5.1	
2823.4	Synthetic fibers	41.0	40.8	40.4	40.3	-	2.6	2.3	2.4	2.2	
283	Drugs	41.9	41.8	41.1	41.2	(*)	3.4	3.2	3.0	2.7	
2834	Pharmaceutical preparations	41.9	41.8	41.0	41.1	-	-	-	-	-	
284	Soap, cleaners, and toilet goods	40.8	40.4	40.7	40.8	(*)	3.3	2.9	3.0	3.2	
2841	Soap and other detergents	42.8	42.4	42.0	42.6	-	-	-	-	-	
2844	Toilet preparations	39.0	39.2	39.8	39.8	-	-	-	-	-	
285	Parts and allied products	41.1	40.9	41.1	40.3	(*)	3.4	3.3	3.2	3.0	
287	Agricultural chemicals	42.2	42.3	42.4	41.9	(**)	5.1	5.1	5.1	4.7	
2871.2	Fertilizers, complete and mixing only	42.5	42.5	42.9	42.3	-	-	-	-	-	
286.9	Other chemical products	41.9	41.3	40.6	41.0	(*)	3.8	3.6	3.3	3.2	
2892	Explosives	41.0	41.0	39.7	40.2	-	-	-	-	-	
29	<b>PETROLEUM AND COAL PRODUCTS</b>	43.0	42.6	41.9	42.9	42.0	4.0	3.9	4.0	4.4	
291	Petroleum refining	42.2	41.9	41.3	42.4	(*)	2.9	2.8	3.2	3.6	
295.9	Other petroleum and coal products	45.3	44.6	43.9	44.4	(*)	7.3	7.2	6.5	6.8	
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	41.3	40.9	40.7	40.9	41.0	4.5	4.1	3.9	3.9	
301	Tires and inner tubes	44.6	44.4	43.8	43.8	(*)	7.2	6.8	6.6	6.0	
302,3.6	Other rubber products	41.1	40.7	39.7	40.3	(*)	3.9	3.6	2.9	3.4	
302	Rubber footwear	39.3	38.7	38.5	39.2	-	3.1	2.4	3.1	3.3	
307	Miscellaneous plastics products	40.3	39.9	40.1	40.1	(*)	3.9	3.5	3.5	3.5	
31	<b>LEATHER AND LEATHER PRODUCTS</b>	37.8	37.6	37.2	36.5	36.4	2.1	2.2	1.9	1.7	
311	Leather tanning and finishing	39.7	39.2	39.4	40.6	(*)	3.2	3.3	3.5	3.5	
314	Footwear, except rubber	37.6	37.2	36.8	35.7	35.4	1.9	1.9	1.6	1.3	
312,3.5-7.9	Other leather products	37.9	38.0	37.4	37.3	(*)	2.3	2.5	2.0	2.0	
316	Luggage	36.3	36.6	35.7	35.9	-	1.9	2.2	1.5	1.9	
317	Handbags and personal leather goods	39.0	38.8	38.4	38.3	-	2.5	2.7	2.6	2.6	
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	40.8	40.9	40.9	40.8	40.5	-	-	-	-	
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup>	42.9	45.2	43.7	(**)	-	-	-	-	-	
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation	41.7	41.9	41.1	40.4	-	-	-	-	-	
413	Intercity highway transportation	41.9	39.7	40.0	39.7	-	-	-	-	-	
42	<b>TRUCKING AND WAREHOUSING</b>	42.5	42.1	41.6	41.2	-	-	-	-	-	
421.3	Trucking and trucking terminals	42.6	42.2	41.6	41.2	-	-	-	-	-	
422	Public warehousing	40.5	40.9	41.3	41.1	-	-	-	-	-	
46	<b>PIPE LINE TRANSPORTATION</b>	40.7	40.6	41.3	40.6	-	-	-	-	-	
48	<b>COMMUNICATION</b>	40.3	40.0	40.1	40.3	-	-	-	-	-	
481	Telephone communication	40.4	40.1	40.0	40.3	-	-	-	-	-	
4817	Switchboard operating employees <sup>3</sup>	35.2	35.4	35.8	35.5	-	-	-	-	-	
4818	Line construction employees <sup>4</sup>	45.4	44.9	44.9	45.4	-	-	-	-	-	
482	Telegraph communication <sup>5</sup>	40.2	40.6	40.9	40.9	-	-	-	-	-	
483	Radio and television broadcasting	39.4	39.5	40.4	40.3	-	-	-	-	-	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

90

**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$220.18	\$220.39	\$227.42	\$229.86	-	\$5.28	\$5.26	\$5.52	\$5.62	-
491	Electric companies and systems	221.54	221.96	231.99	233.45	-	5.30	5.31	5.59	5.68	-
492	Gas companies and systems	196.05	198.37	207.36	211.75	-	4.77	4.78	5.07	5.19	-
493	Combination companies and systems	251.76	247.71	249.49	251.91	-	5.98	5.87	6.10	6.22	-
494.7	Water, steam, and sanitary systems	178.93	178.90	187.62	187.54	-	4.24	4.28	4.51	4.53	-
<b>WHOLESALE AND RETAIL TRADE</b>											
		113.12	112.16	122.50	121.40	\$121.00	3.26	3.27	3.51	3.56	\$3.58
50	<b>WHOLESALE TRADE</b>	165.51	164.27	176.22	178.09	177.10	4.19	4.18	4.53	4.59	4.60
501	Motor vehicles and automotive equipment	154.05	155.63	168.70	168.09	-	3.90	3.96	4.26	4.31	-
502	Drugs, chemicals, and allied products	167.70	166.27	175.48	176.99	-	4.39	4.33	4.63	4.67	-
503	Dry goods and apparel	153.71	152.85	156.45	157.04	-	4.11	4.12	4.31	4.35	-
504	Groceries and related products	154.43	152.88	165.71	168.27	-	3.89	3.92	4.26	4.26	-
506	Electrical goods	177.19	177.64	172.97	184.00	-	4.28	4.26	4.39	4.67	-
507	Hardware, plumbing, and heating equipment	156.81	155.63	163.50	169.94	-	3.94	3.96	4.28	4.31	-
508	Machinery, equipment, and supplies	182.61	180.90	193.52	197.20	-	4.52	4.50	4.85	4.93	-
509	Miscellaneous wholesalers	166.06	164.40	180.18	181.45	-	4.28	4.27	4.68	4.75	-
52 50	<b>RETAIL TRADE</b>	96.94	96.10	105.17	103.34	103.04	2.92	2.93	3.13	3.17	3.19
53	Retail general merchandise	88.16	87.33	95.73	93.94	-	2.79	2.79	3.02	3.05	-
531	Department stores	91.42	90.26	98.91	97.30	-	2.93	2.94	3.16	3.19	-
532	Mail order houses	(#)	(#)	119.63	119.13	-	3.15	3.07	3.75	3.77	-
533	Variety stores	66.28	65.54	73.33	74.24	-	2.27	2.26	2.42	2.45	-
54	Food stores	108.57	106.89	121.97	119.97	-	3.31	3.33	3.63	3.68	-
541.3	Grocery, meat, and vegetable stores	111.55	110.16	125.77	123.75	-	3.37	3.40	3.71	3.75	-
56	Apparel and accessory stores	81.22	79.61	88.40	86.57	-	2.62	2.61	2.78	2.82	-
561	Men's and boys' clothing and furnishings	97.31	97.42	106.24	102.07	-	2.94	2.97	3.20	3.16	-
562	Women's ready-to-wear stores	73.50	72.08	79.56	77.52	-	2.45	2.46	2.60	2.61	-
565	Family clothing stores	77.50	76.31	84.42	84.55	-	2.37	2.37	2.52	2.57	-
566	Shoe stores	83.14	79.11	92.30	91.76	-	2.79	2.70	2.93	3.10	-
57	Furniture and home furnishings stores	132.08	129.56	139.50	139.07	-	3.56	3.54	3.76	3.81	-
571	Furniture and home furnishings	134.28	132.84	141.75	141.33	-	3.60	3.60	3.79	3.83	-
58	Eating and drinking places <sup>6</sup>	66.00	65.12	70.99	68.15	-	2.20	2.20	2.32	2.35	-
52,55,59	Other retail trade	112.02	121.03	131.57	130.26	-	3.28	3.28	3.49	3.53	-
52	Building materials and farm equipment	133.79	133.85	144.04	143.47	-	3.37	3.38	3.61	3.66	-
551.2	Motor vehicle dealers	161.20	161.59	175.20	173.05	-	4.04	4.06	4.38	4.37	-
553.9	Other automotive and accessory dealers	137.42	137.09	144.02	145.40	-	3.36	3.36	3.53	3.59	-
591	Drug stores and proprietary stores	88.80	85.12	95.73	93.94	-	2.81	2.80	3.02	3.05	-
594	Book and stationery stores	98.37	100.09	113.85	112.53	-	2.99	2.97	3.30	3.30	-
598	Fuel and ice dealers	(#)	(#)	158.39	160.74	-	(#)	(#)	14.02	14.09	-
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>											
		(#)	(#)	140.21	142.42	141.64	(#)	(#)	3.81	3.87	3.87
60	Banking	115.87	114.61	121.15	122.61	-	3.14	3.14	3.31	3.35	-
61	Credit agencies other than banks	124.91	123.06	132.17	133.73	-	3.27	3.23	3.46	3.51	-
612	Savings and loan associations	122.47	119.68	128.76	130.27	-	3.31	3.27	3.48	3.54	-
62	Security, commodity, brokers and societies	(#)	(#)	211.27	214.33	-	(#)	(#)	5.71	5.84	-
63	Insurance carriers	140.23	139.86	149.81	152.81	-	3.79	3.78	4.06	4.13	-
631	Life insurance	138.70	138.70	149.60	152.26	-	3.80	3.80	4.11	4.16	-
632	Accident and health insurance	135.42	132.79	144.72	148.13	-	3.66	3.56	3.88	3.95	-
633	Fire, marine, and casualty insurance	143.24	142.49	152.97	154.42	-	3.83	3.82	4.09	4.14	-
<b>SERVICES</b>											
		(#)	(#)	128.34	129.92	129.50	(#)	(#)	3.72	3.81	3.82
701	Hotels and other lodging places <sup>6</sup>	79.38	79.54	86.17	85.33	-	2.42	2.44	2.58	2.65	-
	Personal services										
721	Laundries and dry cleaning plants	92.66	93.37	101.75	100.96	-	2.61	2.63	2.85	2.86	-
722	Photographic studios	101.38	105.70	106.03	105.09	-	2.93	2.92	3.11	3.10	-
	Motion pictures										
781	Motion picture film and distribution	(#)	(#)	264.47	263.60	-	(#)	(#)	6.53	6.60	-
806	Hospitals	112.45	112.18	121.80	121.77	-	3.25	3.28	3.49	3.55	-

<sup>1</sup> For coverage of series, see footnote 1, table B 2.

<sup>2</sup> Beginning January 1965, data relate to railroads with one or more employees of \$5,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators, service assistants, operating room instructors, and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen, installation and exchange repair craftsmen; line, cable, and conduit craftsmen, and

† Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; revised historical data are not yet available; they are scheduled to be published in December when the routine benchmark

laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice salaried employees excluded from all series in this division.

\* Not available.

<sup>p</sup> Preliminary.

processing errors; figures for subsequent months have been corrected for these errors. Revisions will be made.



**C-2. Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry—Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours					
		Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>	
	<b>TRANSPORTATION AND PUBLIC UTILITIES -Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>											
491	Electric companies and systems	41.7	41.9	41.2	40.9							
492	Gas companies and systems	41.8	41.8	41.5	41.1							
493	Communication companies and systems	41.1	41.5	40.9	40.8							
494-7	Water, steam, and sanitary systems	42.1	42.2	40.9	40.5							
		42.2	41.8	41.6	41.4							
	<b>WHOLESALE AND RETAIL TRADE</b>	34.7	34.3	34.9	34.1	33.8						
50	<b>WHOLESALE TRADE</b>	39.5	39.3	38.9	38.8	38.5						
501	Motor vehicles and automotive equipment	39.5	39.3	39.6	39.0							
502	Drugs, chemicals, and allied products	38.2	38.4	37.9	37.9							
503	Dry goods and apparel	37.4	37.1	36.3	36.1							
504	Groceries and related products	39.7	39.0	38.9	39.5							
506	Electrical goods	41.4	41.7	39.4	39.4							
507	Heating, plumbing and heating equipment	39.8	39.3	38.2	38.5							
508	Machinery, equipment, and supplies	40.4	40.2	39.9	40.0							
509	Miscellaneous wholesalers	38.8	38.5	38.5	38.2							
52-59	<b>RETAIL TRADE</b>	33.2	32.8	33.6	32.6	32.3						
53	Retail general merchandise	31.6	31.3	31.7	30.8							
531	Department stores	31.2	30.7	31.3	30.5							
532	Mail order houses	(‡)	(‡)	‡31.9	‡31.6							
533	Variety stores	29.2	29.0	30.3	30.3							
54	Food stores	32.8	32.1	33.6	32.6							
541-3	Grocery, meat, and vegetable stores	33.1	32.4	33.9	33.0							
56	Apparel and accessory stores	31.0	30.5	31.8	30.7							
561	Men's and boys' clothing and furnishings	33.1	32.8	33.2	32.3							
562	Women's ready-to-wear stores	30.0	29.3	30.6	29.7							
565	Family clothing stores	32.7	32.2	33.5	32.9							
566	Shoe stores	29.8	29.3	31.5	29.6							
57	Furniture and home furnishings stores	37.1	36.6	37.1	36.5							
571	Furniture and home furnishings	37.3	36.9	37.4	36.9							
58	Eating and drinking places <sup>6</sup>	30.0	29.6	30.6	29.0							
52,55-59	Other retail trade	37.2	36.9	37.7	36.9							
52	Building materials and farm equipment	39.7	39.6	39.9	39.2							
551.2	Motor vehicle dealers	39.9	39.8	40.0	39.6							
553.9	Other automotive and accessory dealers	40.9	40.8	40.8	40.5							
591	Drug stores and proprietary stores	31.6	30.4	31.7	30.8							
594	Book and stationery stores	32.9	33.7	34.5	34.1							
598	Fuel and ice dealers	(‡)	(‡)	‡39.4	‡39.3							
	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	37.1	37.0	36.8	36.8	36.6						
60	Banking	36.9	36.5	36.6	36.6							
61	Credit agencies other than banks	38.2	38.1	38.2	38.1							
612	Savings and loan associations	37.0	36.6	37.0	36.8							
62	Security, commodity brokers and services	(‡)	(‡)	‡37.0	‡36.7							
63	Insurance carriers	37.0	37.0	36.9	37.0							
631	Life insurance	36.5	36.5	36.4	36.6							
632	Accident and health insurance	37.0	37.3	37.3	37.5							
633	Fire, marine, and casualty insurance	37.4	37.3	37.4	37.3							
	<b>SERVICES</b>	34.1	33.9	34.5	34.1	33.9						
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup>	32.8	32.6	33.4	32.2							
	Personal services:											
721	Laundries and dry cleaning plants	35.5	35.5	35.7	35.3							
722	Photographic studios	34.6	36.2	34.1	33.9							
781	Motion pictures:											
	Motion picture film and distribution	37.9	38.9	40.5	40.1							
806	Hospitals	34.6	34.2	34.9	34.3							

<sup>1</sup>As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion of SIC 372. The series including these payments for September 1971 - March 1973 are shown below.

The issue of an additional 17 cents delayed payment for employees in a number of companies, which had been pending as a consequence of litigation in the courts, has been resolved and the additional amount will be paid by the affected companies with final payments being made by most of the affected reporting establishments in December 1974. As a result, using additional data to be collected, these series will be revised to include the additional delayed payments. These revisions are expected to be published in 1975.

Average hourly earnings September 1971-March 1973

SIC Code	Annual average		1971				1972									1973						
	1971	1972:1973	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	
	372	\$4.35	\$4.70	\$5.01	\$4.41	\$4.45	\$4.49	\$4.57	\$4.55	\$4.54	\$4.59	\$4.64	\$4.66	\$4.67	\$4.65	\$4.74	\$4.75	\$4.82	\$4.86	\$4.93	\$4.90	\$4.91
3721	4.41	4.78	5.13	4.49	4.54	4.60	4.65	4.63	4.59	4.65	4.74	4.73	4.74	4.69	4.81	4.82	4.93	4.99	5.04	5.00	5.04	5.04
3722	4.38	4.76	5.06	4.38	4.43	4.47	4.63	4.60	4.64	4.65	4.65	4.69	4.71	4.76	4.81	4.82	4.85	4.87	5.01	4.95	4.95	4.96
3723,9	4.16	4.44	4.67	4.24	4.24	4.23	4.30	4.27	4.32	4.37	4.40	4.44	4.45	4.43	4.47	4.49	4.51	4.55	4.57	4.58	4.55	4.59

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-3. Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government**

[Employment in thousands—includes both supervisory and nonsupervisory employees]

Item	1973						1974						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>Executive Branch</b>													
Total employment . . . . .	2,573.1	2,573.6	2,565.5	2,570.7	2,585.8	2,634.7	2,592.6	2,614.9	2,623.0	2,639.7	2,650.8	2,657.5	2,675.4
Average weekly hours . . . . .	39.3	39.8	39.2	39.6	39.3	41.7	(*)	39.3	39.6	39.5	39.2	39.3	(*)
Average overtime hours . . . . .	1.0	1.2	1.1	1.2	1.0	3.1	(*)	1.0	1.2	1.0	1.0	1.1	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	155.5	161.6	161.9	165.2	167.4	180.8	(*)	167.7	168.4	170.2	169.1	171.7	(*)
Average hourly earnings . . . . .	155.9	160.0	162.7	164.3	167.8	170.8	(*)	168.1	167.6	169.7	170.0	172.2	(*)
<b>Department of Defense</b>													
Total employment . . . . .	937.6	936.4	933.4	935.3	938.7	938.4	938.2	942.2	945.0	949.7	956.9	965.7	961.4
Average weekly hours . . . . .	39.4	40.7	39.1	39.5	39.8	39.8	(*)	39.8	40.0	40.0	39.9	39.9	(*)
Average overtime hours . . . . .	.7	.9	.9	.8	.8	.6	(*)	.7	.9	.7	.8	.9	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	150.0	159.9	156.5	160.2	164.4	162.5	(*)	164.7	164.2	170.4	166.5	172.9	(*)
Average hourly earnings . . . . .	153.4	158.3	161.3	163.5	166.5	164.6	(*)	166.8	165.4	171.7	168.1	174.7	(*)
<b>Postal service</b>													
Total employment . . . . .	672.9	676.1	675.5	680.3	692.8	741.4	697.7	697.5	695.7	696.6	695.8	698.8	698.2
Average weekly hours . . . . .	39.5	39.4	39.8	40.9	39.6	48.0	(*)	39.4	39.7	39.4	38.8	38.8	(*)
Average overtime hours . . . . .	1.3	1.3	1.4	2.1	1.4	9.4	(*)	1.3	1.6	1.4	.9	.9	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	166.3	175.8	178.2	184.8	179.2	236.2	(*)	180.5	182.8	181.1	183.6	183.3	(*)
Average hourly earnings . . . . .	162.5	172.3	172.9	174.4	174.7	189.9	(*)	176.8	177.7	177.4	182.6	182.3	(*)
<b>Other agencies</b>													
Total employment . . . . .	962.6	961.1	956.6	955.1	954.3	954.9	956.7	975.2	982.3	993.4	998.1	993.0	1,015.8
Average weekly hours . . . . .	39.0	39.2	38.8	38.8	38.7	38.7	(*)	38.9	39.1	39.0	38.8	39.0	(*)
Average overtime hours . . . . .	1.1	1.4	1.1	1.0	.9	.8	(*)	1.1	1.1	1.1	1.2	1.4	(*)
Indexes (1967=100):													
Average weekly earnings . . . . .	155.0	155.8	158.2	159.4	165.2	165.4	(*)	164.5	164.9	164.5	164.1	164.0	(*)
Average hourly earnings . . . . .	154.2	154.2	158.2	159.4	165.6	165.8	(*)	164.1	163.6	163.6	164.1	163.1	(*)

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage board employees. Since these \* Not available.

averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C 2 which relate only to production or nonsupervisory workers.

**C-4. Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry**

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974P	Oct. 1974 P
<b>MANUFACTURING</b> . . . . .	\$3.93	\$3.95	\$4.25	\$4.33	\$4.38
<b>DURABLE GOODS</b> . . . . .	4.17	4.19	4.51	4.60	4.60
Ordnance and accessories . . . . .	(‡)	(‡)	‡4.63	‡4.71	-
Lumber and wood products . . . . .	3.49	3.49	3.78	3.81	-
Furniture and fixtures . . . . .	3.19	3.21	3.42	3.46	-
Stone, clay, and glass products . . . . .	4.00	4.02	4.34	4.39	-
Primary metal industries . . . . .	4.88	4.87	5.44	5.50	-
Fabricated metal products . . . . .	4.08	4.11	4.44	4.53	-
Machinery, except electrical . . . . .	4.34	4.38	4.70	4.79	-
Electrical equipment and supplies . . . . .	3.76	3.77	4.01	4.09	-
Transportation equipment . . . . .	4.84	4.89	5.24	5.39	-
Instruments and related products . . . . .	3.78	3.78	4.08	4.11	-
Miscellaneous manufacturing industries . . . . .	3.19	3.19	3.43	3.45	-
<b>NONDURABLE GOODS</b> . . . . .	3.58	3.60	3.88	3.92	3.96
Food and kindred products . . . . .	3.64	3.69	3.97	4.00	-
Tobacco manufactures . . . . .	3.58	3.58	4.08	4.06	-
Textile mill products . . . . .	2.86	2.88	3.13	3.15	-
Apparel and other textile products . . . . .	2.77	2.79	2.99	3.04	-
Paper and allied products . . . . .	4.00	4.02	4.33	4.38	-
Printing and publishing . . . . .	(2)	(2)	(2)	(2)	-
Chemicals and allied products . . . . .	4.33	4.35	4.69	4.74	-
Petroleum and coal products . . . . .	5.06	5.03	5.46	5.53	-
Rubber and plastics products, nec . . . . .	3.66	3.68	3.91	3.93	-
Leather and leather products . . . . .	2.77	2.77	2.96	3.01	-

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.      p = preliminary.  
<sup>2</sup> Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.  
‡ Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division, in current and 1967 dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$148.83	\$157.30	\$158.98	\$120.03	\$126.15	\$127.32	\$130.03	\$136.57	\$137.66
1967 dollars	109.84	104.73	104.66	86.58	83.99	83.82	95.96	90.93	90.76
<b>MINING:</b>									
Current dollars	205.54	227.04	229.41	161.33	177.00	178.73	173.98	190.75	192.60
1967 dollars	151.69	151.16	151.03	119.06	117.84	117.66	128.40	127.00	126.79
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	(†)	†260.44	†262.33	(†)	†201.28	†202.66	(†)	†216.75	†218.23
1967 dollars	(†)	†173.40	†172.70	(†)	†134.01	†133.42	(†)	†145.31	†143.67
<b>MANUFACTURING:</b>									
Current dollars	169.33	178.04	182.16	134.68	141.10	144.14	145.74	152.53	155.74
1967 dollars	124.97	118.54	119.92	99.39	93.94	94.89	107.56	101.55	102.53
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	(†)	†222.09	†226.85	(†)	†173.39	†176.86	(†)	†186.89	†190.60
1967 dollars	(†)	†147.86	†149.34	(†)	†115.44	†116.43	(†)	†124.43	†125.48
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	113.12	122.50	121.40	93.85	100.77	99.96	102.13	109.53	106.67
1967 dollars	83.48	81.56	79.92	69.26	67.09	65.81	75.37	72.92	71.54
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	(†)	†140.21	†142.42	(†)	†113.72	†115.34	(†)	†123.37	†125.09
1967 dollars	(†)	†93.35	†93.76	(†)	†75.71	†75.93	(†)	†82.14	†82.35
<b>SERVICES:</b>									
Current dollars	(†)	†128.34	†129.92	(†)	†105.04	†106.20	(†)	†144.10	†115.33
1967 dollars	(†)	†85.45	†85.53	(†)	†69.93	†69.91	(†)	†75.97	†75.92
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	135.5	150.2	151.9	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p - preliminary (applicable to earnings data only).

† Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group**

1967 100

Industry division and group	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Oct. 1974 <sup>p</sup>
	Man-hours				
<b>TOTAL</b> .....	113.0	112.7	113.7	112.8	111.9
<b>GOODS-PRODUCING</b> .....	107.4	106.6	104.2	104.6	102.8
<b>MINING</b> .....	105.3	104.9	112.4	110.9	111.6
<b>CONTRACT CONSTRUCTION</b> .....	122.6	120.9	118.7	115.4	115.2
<b>MANUFACTURING</b> .....	104.8	104.1	101.3	102.5	100.4
<b>DURABLE GOODS</b> .....	105.0	104.8	100.4	102.7	101.2
Ordnance and accessories .....	(†)	(†)	†54.0	†55.8	†55.1
Lumber and wood products .....	108.8	107.7	106.1	101.8	96.8
Furniture and fixtures .....	115.8	116.2	110.9	108.6	105.7
Stone, clay, and glass products .....	116.4	116.0	114.5	112.1	110.2
Primary metal industries .....	105.3	103.9	101.3	102.9	102.0
Fabricated metal products .....	108.4	108.5	104.8	106.6	104.7
Machinery, except electrical .....	103.0	102.4	104.2	107.2	106.2
Electrical equipment and supplies .....	107.3	107.7	100.3	103.8	103.7
Transportation equipment .....	99.1	98.9	85.1	92.7	91.1
Instruments and related products .....	110.4	110.7	114.6	114.5	112.3
Miscellaneous manufacturing .....	104.0	105.6	103.0	102.7	101.8
<b>NONDURABLE GOODS</b> .....	104.2	103.1	102.6	102.2	99.1
Food and kindred products .....	108.2	103.6	109.6	110.1	102.4
Tobacco manufactures .....	93.9	97.9	88.1	91.9	92.4
Textile mill products .....	106.3	105.3	100.4	98.5	93.7
Apparel and other textile products .....	94.4	94.4	88.7	88.2	87.9
Paper and allied products .....	107.4	107.1	106.1	105.1	101.3
Printing and publishing .....	99.5	99.1	99.4	99.3	98.5
Chemicals and allied products .....	103.3	103.4	105.4	105.7	104.2
Petroleum and coal products .....	107.5	105.3	108.2	108.2	105.4
Rubber and plastics products, nec .....	136.6	136.2	136.9	137.4	136.8
Leather and leather products .....	82.7	82.1	81.4	77.4	76.9
<b>SERVICE-PRODUCING</b> .....	116.9	116.9	120.3	118.5	118.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	108.9	109.4	109.4	108.8	107.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	113.6	113.6	115.9	113.8	113.7
<b>WHOLESALE TRADE</b> .....	113.7	114.2	115.6	114.9	115.0
<b>RETAIL TRADE</b> .....	113.6	113.4	116.0	113.4	113.2
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	123.6	122.8	125.4	123.3	122.3
<b>SERVICES</b> .....	123.2	123.0	129.8	127.8	127.9

<sup>1</sup>† For coverage of strikes, see footnote 1, table B-2.

<sup>p</sup> preliminary.

‡ Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

**C-6. Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

1967=100

Industry division and group	Sept. 1973	Oct. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Oct. 1974 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	168.4	168.0	180.1	182.0	181.2
<b>GOODS-PRODUCING</b> .....	161.9	161.1	167.7	170.5	168.9
<b>MINING</b> .....	158.0	156.8	186.2	186.4	187.7
<b>CONTRACT CONSTRUCTION</b> .....	(#)	(#)	†198.7	†194.8	†194.9
<b>MANUFACTURING</b> .....	152.9	152.3	159.0	163.7	161.5
<b>DURABLE GOODS</b> .....	153.4	153.3	157.5	164.9	163.4
Ordnance and accessories .....	(#)	(#)	†81.6	†85.7	†84.9
Lumber and wood products .....	169.2	167.0	177.3	171.0	161.3
Furniture and fixtures .....	165.8	167.0	168.5	167.3	163.6
Stone, clay, and glass products .....	175.9	175.6	186.5	184.2	181.7
Primary metal industries .....	162.7	159.9	173.4	177.8	178.3
Fabricated metal products .....	156.5	157.6	163.5	169.7	168.1
Machinery, except electrical .....	148.8	148.6	161.5	169.6	168.7
Electrical equipment and supplies .....	177.4	152.0	149.7	158.3	160.1
Transportation equipment .....	147.2	148.1	135.5	151.8	151.3
Instruments and related products .....	152.4	152.7	169.3	170.7	167.4
Miscellaneous manufacturing .....	146.5	148.7	151.8	155.6	154.8
<b>NONDURABLE GOODS</b> .....	152.0	150.7	161.5	162.5	158.2
Food and kindred products .....	158.0	152.6	173.9	177.3	165.3
Tobacco manufactures .....	152.2	160.9	161.8	168.0	169.0
Textile mill products .....	156.0	155.3	159.2	156.7	168.1
Apparel and other textile products .....	132.0	132.9	133.1	134.2	131.5
Paper and allied products .....	159.1	159.0	169.1	169.2	163.9
Printing and publishing .....	141.1	143.6	151.5	152.7	151.9
Chemicals and allied products .....	156.8	151.2	166.1	165.5	161.0
Petroleum and coal products .....	159.0	153.7	173.0	178.1	171.2
Rubber, leather, plastics products, nec. .....	192.0	191.7	204.3	204.3	207.0
Leather and leather products .....	113.8	113.3	119.5	115.1	119.1
<b>SERVICE-PRODUCING</b> .....	173.9	171.0	190.3	191.9	191.9
<b>TRANSPORTATION AND PUBLIC   UTILITIES</b> .....	(#)	(#)	†183.5	†187.1	†184.9
<b>WHOLESALE AND RETAIL TRADE</b> .....	165.2	165.5	181.0	180.7	181.0
<b>WHOLESALE TRADE</b> .....	165.5	166.0	181.8	183.5	184.1
<b>RETAIL TRADE</b> .....	165.0	165.2	180.2	179.2	180.0
<b>FINANCE, INSURANCE, AND   REAL ESTATE</b> .....	(#)	(#)	†185.0	†184.7	†183.6
<b>SERVICES</b> .....	(#)	(#)	†210.6	†212.5	†213.3

<sup>1</sup>For coverage of series, see footnote 1, table B 2.<sup>P</sup>preliminary.

†Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors. Figures for subsequent months have been carried forward. Because of historical data are not yet available, they are scheduled to be published in December when the relative benchmark comparison can be made.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

**C-7. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

Industry	1973					1974							
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>p</sup>	Oct. <sup>p</sup>
<b>TOTAL</b> .....	37.0	37.1	37.0	36.7	37.0	36.8	36.6	36.8	36.7	36.7	36.6	36.7	36.6
<b>MINING</b> .....	42.5	42.8	43.3	42.6	43.4	42.9	42.5	43.2	43.2	42.9	42.8	42.7	43.0
<b>CONTRACT CONSTRUCTION</b> .....	36.9	38.5	37.2	36.2	37.7	37.1	36.2	36.9	37.1	37.1	36.6	36.6	37.4
<b>MANUFACTURING</b> .....	40.6	40.6	40.7	40.3	40.5	40.4	39.3	40.3	40.1	40.2	40.1	40.1	40.0
<i>Overtime hours</i> .....	3.7	3.8	3.7	3.4	3.5	3.6	2.9	3.4	3.4	3.4	3.4	3.2	3.0
<b>DURABLE GOODS</b> .....	41.3	41.4	41.3	40.8	41.1	40.9	39.8	40.9	40.8	40.7	40.8	40.7	40.7
<i>Overtime hours</i> .....	3.9	4.0	3.9	3.5	3.6	3.7	2.9	3.6	3.4	3.5	3.6	3.3	3.2
Ordnance and accessories .....	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	( <del>4</del> )	41.9	41.7	41.4	41.6	41.3
Lumber and wood products .....	40.3	40.3	40.9	40.4	40.6	40.3	40.1	40.1	40.1	39.7	39.8	39.3	38.4
Furniture and fixtures .....	39.4	39.4	39.6	39.8	39.7	39.5	38.8	39.4	39.4	39.4	38.9	38.6	38.0
Stone, clay, and glass products .....	41.9	42.1	42.2	41.6	41.9	41.7	41.2	41.6	41.4	41.4	41.3	41.2	41.1
Primary metal industries .....	42.7	43.4	42.4	41.8	41.4	41.5	41.2	41.6	41.6	41.6	41.6	42.0	42.5
Fabricated metal products .....	41.5	41.6	41.5	41.0	41.2	41.3	39.6	41.1	40.9	40.8	40.9	41.0	41.0
Machinery, except electrical .....	42.6	42.3	42.9	42.3	42.5	42.4	40.7	42.3	42.4	42.2	42.6	42.8	42.5
Electrical equipment and supplies .....	40.0	40.2	40.1	39.6	40.2	39.9	39.0	40.0	40.1	39.8	39.6	39.9	40.1
Transportation equipment .....	41.5	41.1	41.0	40.0	40.6	40.3	38.9	40.5	39.7	40.4	40.4	39.8	40.4
Instruments and related products .....	40.8	40.9	41.0	40.6	40.8	40.5	39.4	40.3	40.3	40.1	40.3	40.1	39.8
Miscellaneous manufacturing industries .....	38.6	38.9	38.8	38.3	39.0	38.9	37.6	38.9	38.9	39.0	38.6	38.6	38.4
<b>NONDURABLE GOODS</b> .....	39.7	39.7	39.8	39.6	39.6	39.5	38.7	39.4	39.3	39.3	39.2	39.2	39.0
<i>Overtime hours</i> .....	3.3	3.5	3.4	3.4	3.3	3.3	2.8	3.2	3.2	3.2	3.1	3.0	2.7
Food and kindred products .....	40.6	40.8	40.9	40.8	40.8	40.4	39.8	40.6	40.5	40.4	40.4	40.4	40.3
Tobacco manufactures .....	39.2	40.7	38.9	39.5	38.8	37.7	38.8	38.8	36.8	36.9	37.5	37.8	37.8
Textile mill products .....	40.5	40.6	40.8	40.6	40.7	40.4	39.2	40.2	40.2	40.2	39.5	39.1	38.1
Apparel and other textile products .....	35.8	35.7	35.9	35.2	35.6	35.5	34.5	35.6	34.7	35.3	35.3	35.5	35.7
Paper and allied products .....	42.6	42.7	42.8	42.8	42.5	42.6	41.7	42.3	42.4	42.2	42.1	41.8	41.6
Printing and publishing .....	37.9	37.9	37.8	37.7	37.7	37.6	37.1	37.8	37.6	37.4	37.9	37.6	37.6
Chemicals and allied products .....	41.9	42.0	41.9	41.8	42.0	41.8	41.8	41.8	41.8	41.8	41.8	41.6	41.4
Petroleum and coal products .....	42.2	43.0	42.7	42.5	42.6	42.8	42.5	42.2	42.5	42.2	41.7	42.4	41.6
Rubber and plastics products, nec .....	40.8	41.2	41.0	40.6	40.9	40.8	39.3	40.3	40.6	40.4	40.6	40.6	40.9
Leather and leather products .....	38.0	38.0	37.5	37.2	37.8	38.1	37.3	37.6	37.6	36.9	37.2	37.1	36.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.8	40.7	40.4	40.8	40.4	40.3	40.9	40.8	40.5	40.7	40.7	40.6	40.4
<b>WHOLESALE AND RETAIL TRADE</b> .....	34.5	34.6	34.5	34.3	34.4	34.3	34.5	34.3	34.2	34.1	34.0	34.0	34.0
<b>WHOLESALE TRADE</b> .....	39.3	39.4	39.1	39.1	38.9	38.9	38.9	39.1	39.0	39.0	38.7	38.8	38.5
<b>RETAIL TRADE</b> .....	33.0	33.1	32.9	32.8	33.0	32.9	33.1	32.9	32.8	32.7	32.5	32.6	32.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.9	37.0	37.2	36.9	37.0	36.9	36.9	36.9	36.8	36.7	36.7	36.9	36.5
<b>SERVICES</b> .....	34.0	34.0	34.0	34.0	34.1	34.0	34.0	34.1	34.2	34.0	34.0	34.1	34.0

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

† Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

**C-8. Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

(1967 = 100)

Industry division and group	1973			1974									
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>p</sup>	Oct. <sup>p</sup>
<b>TOTAL</b>	111.7	112.5	111.8	111.0	111.8	111.2	110.6	111.7	111.5	111.1	110.9	111.2	110.9
<b>GOODS-PRODUCING</b>	104.0	105.3	104.9	102.5	103.6	102.5	100.2	102.5	102.0	101.4	101.1	100.8	100.4
<b>MINING</b>	103.8	105.1	107.2	106.8	109.2	107.3	107.2	109.6	109.6	109.0	109.0	109.0	110.4
<b>CONTRACT CONSTRUCTION</b>	110.3	115.3	112.3	105.5	114.2	111.4	106.4	108.3	106.7	104.7	104.9	103.8	105.0
<b>MANUFACTURING</b>	103.0	103.6	103.5	101.8	101.5	100.8	98.9	101.2	100.9	100.5	100.2	100.0	99.3
<b>DURABLE GOODS</b>	104.0	104.0	104.6	102.1	101.6	100.8	99.2	101.8	101.7	101.3	100.7	100.8	100.5
Ordnance and accessories	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	53.6	154.5	154.1	155.0
Lumber and wood products	105.4	105.8	108.8	107.4	108.3	107.5	107.8	106.6	104.9	103.1	102.2	99.2	94.9
Furniture and fixtures	113.0	113.0	113.5	114.1	112.8	112.2	110.2	111.9	111.9	110.1	108.7	106.6	102.9
Stone, clay, and glass products	113.2	113.6	115.3	113.0	113.8	113.3	110.7	112.6	110.3	110.7	110.0	108.4	107.5
Primary metal industries	107.2	109.2	106.5	103.6	101.4	100.4	99.8	101.1	101.6	100.8	101.8	103.7	105.2
Fabricated metal products	107.4	108.2	107.7	105.7	105.3	105.0	101.2	105.1	105.1	105.3	104.9	104.7	103.6
Machinery, except electrical	103.2	104.6	106.5	105.1	104.7	105.1	101.0	104.8	106.0	104.6	106.8	107.5	107.0
Electrical equipment and supplies	106.3	107.2	107.4	105.6	106.4	104.8	102.5	104.7	105.1	104.5	100.5	101.9	102.3
Transportation equipment	97.4	95.9	93.8	86.9	84.5	82.7	85.2	89.0	88.2	89.3	88.1	87.6	89.7
Instruments and related products	110.3	111.9	112.9	112.2	113.8	113.3	111.2	113.8	115.5	114.2	114.8	113.6	112.7
Miscellaneous manufacturing, ind.	99.2	100.0	99.8	100.2	101.1	101.5	97.8	101.8	101.2	101.1	99.2	98.1	95.8
<b>NONDURABLE GOODS</b>	101.4	102.0	102.0	101.4	101.4	100.8	98.4	99.4	99.7	99.4	99.4	98.9	97.4
Food and kindred products	97.9	99.5	100.3	100.5	100.5	100.2	97.5	100.4	97.3	96.5	97.7	98.3	96.8
Tobacco manufactures	81.2	88.6	84.7	87.4	86.8	84.7	87.2	85.8	80.1	82.9	77.7	74.3	77.0
Textile mill products	105.1	105.5	106.1	105.6	105.3	103.8	100.4	102.7	102.5	101.3	99.8	97.9	93.4
Apparel and other textile products	93.3	92.6	92.2	89.8	90.4	89.1	86.7	89.7	86.9	88.1	87.2	87.3	86.9
Paper and allied products	106.5	106.6	106.4	107.4	106.6	106.9	104.3	106.1	105.8	105.3	104.7	103.8	100.7
Printing and publishing	98.8	99.1	99.2	98.9	99.2	98.1	96.6	98.7	98.9	98.1	99.4	98.5	98.1
Chemicals and allied products	103.8	103.7	103.7	103.8	103.6	103.8	103.1	103.4	104.3	104.8	105.3	105.6	104.4
Petroleum and coal products	103.5	105.5	106.5	106.9	104.5	105.0	104.3	106.1	106.9	105.3	104.0	104.9	103.8
Rubber and plastics products, nec	134.9	137.7	136.5	134.7	135.0	133.6	128.5	132.0	136.0	134.8	136.4	135.2	135.7
Leather and leather products	83.6	83.6	82.2	79.6	80.9	82.8	81.1	81.8	81.4	79.6	79.6	78.7	78.1
<b>SERVICE-PRODUCING</b>	117.0	117.5	116.6	116.8	117.5	117.2	117.8	118.1	118.0	117.8	117.8	118.5	118.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	109.0	108.3	107.1	109.3	108.3	107.6	108.9	108.7	107.5	107.8	107.8	107.0	107.1
<b>WHOLESALE AND RETAIL TRADE</b>	113.7	114.6	112.8	112.6	113.5	113.3	114.2	114.1	113.8	113.9	113.3	114.1	113.9
WHOLESALE TRADE	113.4	114.5	113.2	114.0	113.7	113.8	113.9	114.8	114.6	114.4	113.8	114.2	114.2
RETAIL TRADE	113.9	114.6	112.6	112.1	113.4	113.1	114.3	113.8	113.5	113.7	113.1	114.0	113.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	122.8	123.4	124.0	122.7	123.5	123.3	123.5	123.6	123.3	122.5	122.8	123.7	122.3
<b>SERVICES</b>	123.4	124.1	124.2	124.3	125.5	125.1	125.2	126.3	127.0	126.4	126.9	128.2	128.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

p = preliminary.

<sup>2</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

**C-9. Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments, by industry division**

Industry division	Annual rate Millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	August 1974	September 1974 <sup>p</sup>	October 1974 <sup>p</sup>	October 1973 to October 1974	August 1974 to September 1974	September 1974 to October 1974
<b>TOTAL - ALL INDUSTRIES</b>	149,162	149,816	150,142	1.1	5.4	2.6
<b>TOTAL - PRIVATE</b>	120,636	120,937	120,675	-0.2	3.0	-2.6
<b>MINING</b>	1,491	1,492	1,507	6.7	0.7	12.8
<b>CONTRACT CONSTRUCTION</b>	6,804	6,732	6,820	-4.1	-12.0	17.0
<b>MANUFACTURING</b>	41,265	41,206	40,972	-2.3	-1.7	-6.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	9,850	9,790	9,788	-1.1	-7.1	-0.2
<b>WHOLESALE AND RETAIL TRADE</b>	29,565	29,755	29,692	0.4	8.0	-2.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	7,908	7,969	7,894	0.6	9.6	-10.7
<b>SERVICES</b>	23,753	23,993	24,002	4.1	12.8	0.5
<b>GOVERNMENT</b>	28,526	28,880	29,467	6.5	15.9	27.3

<sup>1</sup> Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

<sup>2</sup> "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

<sup>3</sup> Percent change compounded at annual rates.

p=preliminary.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

NOTE: Details may not add to totals because of rounding.

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

**C-10: Indexes of output per man-hour, hourly compensation, unit costs,  
and prices, private economy, seasonally adjusted**

1967=100

Item	Annual average		Quarterly indexes										
			1972				1973				1974		
	1972	1973	I	II	III	IV	I	II	III	IV	I	II	III
<b>Total private:</b>													
Output per man-hour	113.2	116.5	111.2	112.7	113.7	115.2	117.0	116.6	116.1	116.1	114.0	114.0r	113.3p
Output	118.5	125.8	115.0	117.6	119.4	121.9	124.9	125.6	126.1	126.8	124.2	123.6r	122.6p
Man-hours	104.7	108.0	103.5	104.4	105.1	105.9	106.7	107.7	108.6	109.2	109.0	108.3	108.2p
Compensation per man-hour <sup>1</sup>	142.1	153.5	139.0	141.1	142.8	145.4	149.9	152.1	154.2	157.3	159.8	165.2	169.4p
Real compensation per man-hour <sup>2</sup>	113.4	115.3	112.3	113.2	113.5	114.6	116.5	115.7	114.7	114.4	113.0	113.5	112.8p
Unit labor costs	125.6	131.8	125.1	125.2	125.6	126.2	128.1	130.5	132.8	135.5	140.2	144.8r	149.6p
Unit nonlabor payments <sup>3</sup>	115.5	123.5	113.3	114.4	116.1	117.9	119.5	121.8	125.0	127.8	130.9	132.1r	135.0p
Implicit price deflator <sup>4</sup>	121.6	128.6	120.5	121.0	121.9	123.0	124.8	127.1	129.8	132.5	136.6	139.8r	143.9p
<b>Private nonfarm:</b>													
Output per man-hour	112.2	115.2	110.1	111.3	113.1	114.3	115.7	115.1	115.1	114.9	113.3	112.4r	111.7p
Output	118.9	126.3	115.2	117.9	120.1	122.4	125.2	126.0	126.8	127.1	124.7	123.7r	122.8p
Man-hours	106.0	109.6	104.6	105.9	106.2	107.1	108.2	109.5	110.1r	110.7	110.0	110.1	109.9p
Compensation per man-hour <sup>1</sup>	140.7	151.6	137.6	139.3	141.6r	144.0	148.0	150.0	152.4	155.7	158.9	162.9	167.3p
Real compensation per man-hour <sup>2</sup>	112.3	113.9	111.2	111.7	112.5	113.5	115.0	114.1	113.4	113.2	112.4	111.9	111.4p
Unit labor costs	125.4	131.6	125.0	125.1	125.2	126.0	127.9	130.3	132.4	135.5	140.2	145.0r	149.7p
Unit nonlabor payments <sup>3</sup>	114.5	117.3	113.0	113.8	115.2r	116.1	115.9	116.4	117.4	119.6	123.6	128.3r	131.7p
Implicit price deflator <sup>4</sup>	121.2	126.2	120.4	120.8	121.4	122.3	123.4	125.0	126.7	129.5	133.9	138.7r	142.9p
<b>Manufacturing:</b>													
Output per man-hour	122.6r	129.8	119.2r	121.4r	124.0r	125.6r	128.3r	129.5r	131.1r	129.9r	129.7r	131.1	131.1p
Output <sup>5</sup>	119.5	132.6	113.7	117.9	121.2	125.2	129.9	132.3	133.9	134.3	132.3	132.9r	132.7p
Man-hours	97.5r	102.2r	95.4r	97.1r	97.7r	99.7r	101.2r	102.2r	102.2r	103.4r	102.0r	101.3r	101.2p
Compensation per man-hour <sup>1</sup>	138.7	148.9	136.0	137.5	139.3	141.7	144.7	147.4	150.3	153.2	155.8	161.1	165.7p
Real compensation per man-hour <sup>2</sup>	110.7	111.9	110.0	110.3	110.7	111.7	112.5	112.1	111.8	111.4	110.2	110.6	110.4p
Unit labor costs	113.1r	114.8r	114.1r	113.3r	112.3r	112.8r	112.8r	113.8r	114.7r	117.9r	120.1r	122.8	126.4p
<b>Nonfinancial corporations:</b>													
Output per man-hour	118.7	123.1	116.9	118.1	119.4	120.7	123.1	123.3	123.5	122.7	121.0	121.9r	NA
Output	122.8	132.3	118.8	121.7	123.5	126.9	130.7	132.3	132.9	133.4	130.6	130.2r	NA
Man-hours	103.4	107.5	101.6	103.1	103.5	105.2	106.2	107.3	107.7	108.7	107.9	107.7	NA
Compensation per man-hour <sup>1</sup>	142.0	153.1	139.4	140.8	142.9	144.8	149.4	151.8	154.4r	157.2	160.4	164.9r	NA
Real compensation per man-hour <sup>2</sup>	113.3	115.0	112.7	113.0	113.6	114.1	116.1	115.4	114.9	114.2	113.5	113.2	NA
Total unit costs <sup>6</sup>	121.4	125.2	121.2	121.4	121.6	121.6	122.5	124.1	125.9	128.5	133.0	136.7r	NA
Unit labor costs	119.6	124.4	119.2	119.3	119.7	120.0	121.4	123.1	125.1	128.1	132.6	136.4r	NA
Unit nonlabor costs <sup>7</sup>	126.9	127.7	127.2	127.7	127.3	126.8	125.7	127.1	128.3	129.9	134.2	137.9r	NA
Unit profits <sup>8</sup>	86.7	90.8	84.0	84.9	86.6	91.1	91.9	91.3	90.2	89.7	86.8	90.9r	NA
Implicit price deflator <sup>4</sup>	116.1	120.0	115.6	115.9	116.3	117.0	117.8	119.1	120.5	122.6	126.0	129.8	

<sup>1</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>2</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>3</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>4</sup> Current dollar gross product divided by constant dollar gross product.

<sup>5</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>6</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.

<sup>7</sup> Includes depreciation, interest, and indirect taxes.

<sup>8</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

NA=not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.



**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**
**C-11: Percent changes from preceding quarter and year in output per man-hour, hourly compensation, unit costs, and prices, private economy, seasonally adjusted at annual rate<sup>1</sup>**

Item	Quarterly percent change								Annual percent change				
	I to II	II to	III to	IV 1973	I 1974	II 1974	III 1974	IV 1974	I 1973	II 1973	III 1973	IV 1973	
	1973	III 1973	IV 1973	to 1974	to 1974	to 1974	to 1974	to 1974	to 1974	to 1974	to 1974	to 1974	
<b>Total private:</b>													
Output per man-hour	-1.6	-1.5	-0.1r	-7.1	0.6r	-3.0p	3.5	2.2r	0.8	-2.6	-2.1r	-2.5p	
Output	2.1	1.6	2.3	-7.8	-2.0r	-3.3p	6.8	5.5	4.0	-0.5	-1.6r	-2.8p	
Man-hours	3.8	3.1r	2.4r	-7	-2.5r	-0.3p	3.2	3.3	3.2	2.1	0.5r	-0.3p	
Compensation per man-hour <sup>2</sup>	5.9	5.6	8.4r	6.4	14.2	10.5p	7.8	8.0	8.2	6.6	8.6	9.9p	
Real compensation per man-hour <sup>3</sup>	-2.7	-3.2r	-1.3r	-4.5	1.6r	-2.3p	2.2	1.1r	-2	-3.0	-1.9	-1.7p	
Unit labor costs	7.6	7.3	8.4	14.6	13.6r	13.9p	4.2	5.7	7.4	9.4	10.9r	12.6p	
Unit nonlabor payments <sup>4</sup>	7.7	11.1	9.2	10.0	3.7r	9.2p	6.4	7.7	8.4	9.5	8.5r	8.0p	
Implicit price deflator <sup>5</sup>	7.6	8.7	8.7	12.9	9.9r	12.2p	5.0	6.4	7.7	9.5	10.0r	10.9p	
<b>Private nonfarm:</b>													
Output per man-hour	-2.2	0.0	-0.8r	-5.2	-3.3r	-2.4p	3.4	1.8	0.5	-2.1	-2.3r	-2.9p	
Output	2.5	2.5	1.1	-7.5	-2.9r	-3.1p	6.9	5.6	3.8	-4	-1.8r	-3.1p	
Man-hours	4.8	2.5r	1.9	-2.4	0.4	-0.6p	3.4	3.7	3.3	1.7	0.6	-0.2p	
Compensation per man-hour <sup>2</sup>	5.4	6.6	8.8r	8.4	10.7r	11.1p	7.7	7.7	8.1	7.3	8.6	9.1p	
Real compensation per man-hour <sup>3</sup>	-3.2	-2.3r	-0.9r	-2.7	-1.6r	-1.8p	2.1	.8	-3	-2.3	-1.9	-1.6	
Unit labor costs	7.8	6.6	9.7	14.4	14.4r	13.9p	4.1	5.8	7.6	9.6	11.2r	13.1p	
Unit nonlabor payments <sup>4</sup>	1.7	3.7	7.6	14.0	16.3r	10.7p	2.3	1.9	3.0	6.7	10.3r	12.1p	
Implicit price deflator <sup>5</sup>	5.6	5.6	9.0	14.2	15.1r	12.8p	3.5	4.4	5.9	8.5	10.9r	12.7p	
<b>Manufacturing:</b>													
Output per man-hour	3.7	4.9	-3.4	-7	4.5r	-2p	6.7	5.7	3.4r	1.1	1.3r	0.0p	
Output <sup>6</sup>	7.6	4.9	1.2	-5.8	1.8r	-6p	12.2	10.5	7.3	1.8	0.5r	-0.9p	
Man-hours	3.8	0.0	4.8	-5.1	-2.6r	-4p	5.2	4.5	3.7	.8	-.8	-.9p	
Compensation per man-hour <sup>2</sup>	7.5	8.1	8.0	7.0	14.1r	11.9p	7.2	7.9	8.1	7.7	9.3	10.2p	
Real compensation per man-hour <sup>3</sup>	-1.4	-.9	-1.7	-4.1	1.5r	-.9p	1.6	1.0	-.3	-2.0	-1.3	-1.3p	
Unit labor costs	3.7	3.0	11.9	7.7r	9.1r	12.2p	0.5r	2.1r	4.5	6.5	7.9r	10.2p	
<b>Nonfinancial corporations:</b>													
Output per man-hour	0.7	0.6	-2.3	-5.5	-4.4r	NA	4.4	3.4	1.7	-1.7	-1.9r	NA	
Output	4.8	2.0	1.5	-8.1	-1.4r	NA	8.7	7.6	5.1	-.1	-1.6r	NA	
Man-hours	4.0	1.5	3.9	-2.8	-1.0r	NA	4.0	4.0	3.3	1.6	0.4	NA	
Compensation per man-hour <sup>2</sup>	6.5	7.2	7.3	8.5	11.5r	NA	7.7	8.0	8.6	7.4	8.6	NA	
Real compensation per man-hour <sup>3</sup>	-2.2	-1.9	-2.2	-2.6	-.9r	NA	2.2	1.1	0.2	-2.2	-1.9	NA	
Total unit costs <sup>7</sup>	5.3	5.9	8.7	14.6	11.8p	NA	2.2	3.5	5.6	8.6	10.2r	NA	
Unit labor costs	5.7	6.6	9.9	14.9	11.9p	NA	3.2	4.5	6.7	9.2	10.8r	NA	
Unit nonlabor costs <sup>8</sup>	4.3	3.8	5.2	13.9	11.4r	NA	-.5	0.7	2.5	6.8	8.5r	NA	
Unit profits <sup>9</sup>	-2.6	-4.5	-2.5	-12.3	20.2r	NA	7.5	4.3	-1.6	-5.6	-.5r	NA	
Implicit price deflator <sup>5</sup>	4.4	4.6	7.4	11.4	12.6	NA	2.8	3.6	4.8	6.9	9.0	NA	

<sup>1</sup> Computed from seasonally-adjusted original data, not from indexes.

<sup>2</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Data also include an estimate of wages, salaries, and supplemental payments for the self-employed, except for nonfinancial corporations where there are no self-employed.

<sup>3</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>4</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>5</sup> Current dollar gross product divided by constant dollar gross product.

<sup>6</sup> Quarterly measures adjusted to annual estimates of output (gross product originating) from the Bureau of Economic Analysis, U.S. Department of Commerce.

<sup>7</sup> Total unit costs is the sum of unit labor costs and unit nonlabor costs.

<sup>8</sup> Includes depreciation, interest, and indirect taxes.

<sup>9</sup> Includes corporate profits before taxes and inventory valuation adjustment.

p= preliminary.

r= revised.

N.A.=not available.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Compensation and man-hours data from the Bureau of Labor Statistics, U.S. Department of Labor, and the Bureau of Economic Analysis.

**C-12. Indexes of average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts, by industry division, 1964 to date**

[1967 = 100]

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.1
1965	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971	129.7	106.9	127.2	104.9	(#)	(#)	127.5	105.1
1972	137.9	110.1	136.7	109.1	(#)	(#)	135.4	108.0
1973	146.6	110.1	146.6	110.2	(#)	(#)	143.4	107.7
1973: October	149.6	109.5	148.7	108.8	(#)	(#)	145.9	105.8
November	150.3	109.2	151.3	109.9	(#)	(#)	146.7	106.6
December	151.3	109.2	152.9	110.4	(#)	(#)	148.3	107.1
1974: January	152.0	108.8	154.3	110.5	(#)	(#)	149.1	106.8
February	152.8	108.0	155.0	109.5	(#)	(#)	149.7	105.8
March	153.4	107.2	155.9	108.9	(#)	(#)	150.4	105.1
April	154.5	107.3	158.2	109.8	(#)	(#)	151.7	105.4
May	156.3	107.3	159.5	109.5	(#)	(#)	153.4	105.4
June	158.2	107.6	162.0	110.1	(#) 162.2	(#) 110.2	155.1	105.5
July	159.0	107.2	163.2	110.1	(#) 163.3	(#) 110.1	156.2	105.3
August	160.2	106.6	164.7	109.6	(#) 167.6	(#) 111.6	157.5	104.8
September <sup>p</sup>	162.6	107.0	167.4	110.2	(#) 168.8	(#) 111.1	159.6	105.1
October <sup>p</sup>	163.3	(*)	167.5	(*)	(#) 169.4	(*)	161.0	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970	119.0	102.3	121.1	104.1	118.9	102.2	122.2	105.0
1971	(#)	(#)	128.3	105.8	(#)	(#)	(#)	(#)
1972	(#)	(#)	135.0	107.7	(#)	(#)	(#)	(#)
1973	(#)	(#)	143.2	107.6	(#)	(#)	(#)	(#)
1973: October	(#)	(#)	146.1	106.9	(#)	(#)	(#)	(#)
November	(#)	(#)	146.8	106.7	(#)	(#)	(#)	(#)
December	(#)	(#)	147.5	106.5	(#)	(#)	(#)	(#)
1974: January	(#)	(#)	148.8	106.5	(#)	(#)	(#)	(#)
February	(#)	(#)	149.4	105.6	(#)	(#)	(#)	(#)
March	(#)	(#)	150.4	105.1	(#)	(#)	(#)	(#)
April	(#)	(#)	151.3	105.1	(#)	(#)	(#)	(#)
May	(#)	(#)	153.9	105.7	(#)	(#)	(#)	(#)
June	(#) 165.2	(#) 112.3	155.6	105.8	(#) 148.4	(#) 100.9	(#) 162.8	(#) 110.7
July	(#) 166.8	(#) 112.5	156.2	105.3	(#) 147.9	(#) 99.8	(#) 162.5	(#) 109.5
August	(#) 167.3	(#) 111.4	157.2	104.6	(#) 149.1	(#) 99.2	(#) 162.7	(#) 108.3
September <sup>p</sup>	(#) 171.5	(#) 112.9	159.2	104.8	(#) 151.4	(#) 99.7	(#) 165.9	(#) 109.2
October <sup>p</sup>	(#) 171.3	(*)	159.8	(*)	(#) 151.3	(*)	(#) 165.7	(*)

<sup>1</sup> Production and nonsupervisory workers

<sup>2</sup> Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

# Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking revisions will be made.

\* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-17.

EMPLOYEE COMPENSATION  
SEASONALLY ADJUSTED

C-13. Four-quarter changes in compensation, seasonally adjusted

Measure	Percent change over 4-quarter period <sup>1</sup> ending in—								
	1972		1973				1974		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept. <sup>p</sup>
Average hourly compensation:									
All persons, total private economy	6.2	7.1	7.9	7.8	8.0	8.2	6.6	8.6	9.9
All employees, private nonfarm economy:									
Current dollars	6.4	7.0	7.4	7.6	7.8	8.1	7.3	8.5	9.5
1967 dollars	3.2	3.4	3.3	2.1	.9	-.2	-2.3	-2.0	-2.0
Average hourly earnings, private nonfarm economy <sup>2</sup> :									
Mining	6.0	6.7	6.2	6.3	7.1	7.0	6.8	7.4	8.2
Contract construction	6.6	10.7	5.5	6.5	7.8	8.3	9.3	10.9	12.0
Manufacturing	6.6	7.7	6.9	6.5	7.1	6.8	6.1	7.4	9.2
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Wholesale and retail trade	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Finance, insurance, and real estate	5.0	5.4	4.9	5.9	6.6	7.1	7.6	8.2	9.2
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	6.0	6.5	5.7	6.0	6.7	6.7	6.9	7.8	8.7
1967 dollars	2.8	3.0	1.6	.5	-.2	-1.6	-2.7	-2.6	-2.7
Mining	7.0	8.1	5.8	6.9	7.7	8.1	9.1	10.4	11.7
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Manufacturing	5.8	6.4	5.5	5.5	6.2	6.5	6.7	8.1	9.5
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Wholesale and retail trade	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Finance, insurance, and real estate	5.0	5.5	5.1	5.9	6.5	6.8	7.2	8.0	9.1
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.7	9.4	6.7	5.9	6.7	9.8	(*)	7.5	(*)
Average union scales, 7 building trades: <sup>4/</sup>									
Wages and selected benefits	8.0	7.9	6.9	5.9	6.1	5.5	5.5	8.1	(*)
Hourly wage rates	6.8	6.9	5.7	4.7	4.9	4.4	4.5	7.4	(*)
Wage rates, hired farm labor	7.3	9.0	7.2	8.6	8.9	9.3	11.9	11.9	12.0
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.7	6.9	6.1	6.3	6.9	6.6	6.1	6.1	6.9
1967 dollars	3.5	3.4	1.9	.8	(5/)	-1.7	-3.4	-4.1	-4.3
Real spendable earnings (worker and 3 dependents, 1967 dollars)	4.3	4.1	.5	-.7	-1.5	-3.1	-4.1	-4.8	-5.0

<sup>1</sup> Current quarter divided by comparable quarter a year earlier. <sup>2</sup> Changes subsequent to June 1971 based on data before seasonal adjustment. <sup>p</sup> preliminary.  
<sup>3</sup> Production and nonsupervisory workers. <sup>r</sup> revised.  
<sup>4</sup> Computed from data that are not seasonally adjusted. <sup>\*</sup> Less than 0.05. <sup>NOTE:</sup> See technical description at end of table C-17.  
<sup>#</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

C-14. Quarter-to-quarter changes in compensation, seasonally adjusted

Measure	Percent change over previous quarter at annual rate								
	1972		1973				1974		
	Sept.	Dec.	Mar.	June	Sept.	Dec.	Mar.	June	Sept. <sup>p</sup>
Average hourly compensation:									
All persons, total private economy	5.0	7.5	13.1	5.9	5.6	r8.4	6.4	14.2	10.5
All employees, private nonfarm economy:									
Current dollars	6.1	6.9	11.8	5.9	7.0	r8.0	8.3	r10.7	11.0
1967 dollars	2.4	3.2	5.6	-2.7	-2.0	-1.6	-2.9	r-1.6	-1.9
Average hourly earnings, private nonfarm economy <sup>2</sup> :									
Mining	5.3	7.5	5.5	7.2	8.2	7.0	4.8	9.9	11.4
Contract construction	5.0	4.9	8.0	8.2	10.1	6.9	12.1	14.4	14.8
Manufacturing	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Transportation and public utilities	5.4	7.9	7.4	5.5	7.5	7.0	4.6	10.5	15.0
Wholesale and retail trade	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Finance, insurance, and real estate	5.9	5.4	4.9	7.5	8.7	7.2	7.1	9.9	12.6
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.3	7.1	5.0	6.7	7.9	7.1	6.0	10.4	11.5
1967 dollars	1.6	2.9	-1.1	-1.5	-.9	-2.8	-5.6	-1.0	-1.3
Mining	6.0	4.0	9.3	8.3	9.4	5.4	13.3	13.9	14.6
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Manufacturing	5.1	6.1	5.2	5.8	7.7	7.5	6.0	11.4	13.1
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Wholesale and retail trade	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Finance, insurance, and real estate	5.3	5.7	5.0	7.6	7.6	7.0	6.7	10.8	12.0
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	-.8	8.8	3.8	.4	2.0	5.1	(*)	(*)	(*)
Average union scales, 7 building trades: <sup>3/</sup>									
Wages and selected benefits	7.7	5.3	1.7	9.0	8.6	2.8	1.6	20.2	(*)
Hourly wage rates	6.5	4.5	.8	7.4	7.0	2.7	1.2	19.3	(*)
Wage rates, hired farm labor	13.6	4.3	2.1	15.2	r14.7	10.1	11.9	15.6	15.0
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	5.6	7.1	4.3	8.4	7.8	5.8	2.5	8.3	11.0
1967 dollars	2.0	2.9	-1.7	.1	-1.0	-4.0	-8.6	-2.8	-1.7
Real spendable earnings (worker and 3 dependents, 1967 dollars)	1.4	2.1	-5.0	-.9	-1.9	-4.6	-8.9	-3.7	-2.9

<sup>1</sup> Production and nonsupervisory workers. <sup>2</sup> Changes subsequent to June 1971 based on data before seasonal adjustment. <sup>p</sup> preliminary.  
<sup>3</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment. <sup>r</sup> revised.  
<sup>4</sup> Not available. <sup>\*</sup> Less than 0.05. <sup>NOTE:</sup> See technical description at end of table C-17.

# Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors. Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED

C-15. Twelve-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in—												
	1973					1974							
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	6.7	7.0	7.2	6.6	6.9	6.8	6.3	7.5	8.5	7.9	8.4	8.3	8.8
Mining	7.9	8.8	8.2	8.5	9.7	9.7	10.5	11.0	11.1	11.2	12.5	12.3	12.4
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)
Manufacturing	7.2	6.9	6.4	5.8	6.1	6.5	6.0	7.7	8.4	8.6	8.5	8.4	8.0
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)
Wholesale and retail trade	6.9	7.2	7.1	7.8	7.4	7.7	7.0	8.5	9.1	9.0	9.3	9.2	9.5
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)
Average hourly earnings, private nonfarm economy <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	6.6	6.8	6.6	6.6	7.0	7.1	7.0	7.8	8.6	8.4	8.9	8.8	9.2
1967 dollars	-1.2	-1.5	-2.0	-2.6	-2.7	-2.9	-2.9	-2.6	-2.2	-3.0	-2.1	-2.9	(*)
Mining	7.7	8.6	8.0	8.3	9.4	9.5	9.8	10.3	11.2	10.9	12.3	12.0	12.6
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Manufacturing	6.5	6.5	6.5	6.5	6.8	6.9	7.4	8.1	8.9	9.1	9.4	9.9	10.3
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Wholesale and retail trade	6.6	6.9	6.8	7.3	7.1	7.3	6.9	8.3	8.7	8.9	9.3	9.1	9.4
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	7.4	11.1	10.8	(*)	6.3	5.1	6.8	7.0	8.7	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy <sup>2</sup> :													
Current dollars	5.8	6.7	7.2	6.1	6.3	6.0	4.5	6.4	7.4	6.5	7.2	6.9	7.6
1967 dollars	-1.9	-1.6	-1.5	-3.1	-3.4	-3.9	-5.1	-3.9	-3.4	-4.7	-3.5	-4.7	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-3.3	-3.1	-3.0	-3.7	-4.1	-4.5	-5.6	-4.6	-4.2	-5.4	-4.3	-5.4	(*)

<sup>1</sup> Current month divided by same month a year earlier. <sup>2</sup> Not available. <sup>3</sup> Production and nonsupervisory workers. <sup>P</sup> Preliminary. NOTE: See technical description at end of table C-17.

<sup>4</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

C-16. Six-month changes in compensation, seasonally adjusted

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in—												
	1973					1974							
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>P</sup>	Oct. <sup>P</sup>
Average hourly earnings, private nonfarm economy <sup>2</sup>	7.4	7.4	7.9	5.7	6.2	5.6	5.1	7.7	9.2	10.2	10.7	11.1	12.6
Mining	7.5	9.3	8.7	9.9	10.0	8.5	13.4	12.8	13.5	12.4	15.0	16.3	11.4
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Manufacturing	7.6	7.1	7.1	6.5	5.5	5.4	4.4	8.3	9.8	10.8	13.8	13.6	15.6
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Wholesale and retail trade	7.8	8.4	7.7	7.6	6.9	6.9	6.2	8.7	10.5	10.5	11.7	11.6	12.9
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Average hourly earnings, private nonfarm economy <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	7.4	7.8	7.4	6.6	6.8	6.2	6.6	7.9	9.9	10.3	11.0	11.5	11.7
1967 dollars	-1.7	-1.8	-2.1	-4.5	-3.1	-4.9	-4.1	-3.4	-2.4	-1.5	-1.0	-1.9	(*)
Mining	6.2	7.6	8.3	8.7	10.2	9.0	13.4	13.1	14.3	13.2	14.5	15.0	11.0
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Manufacturing	7.9	7.5	7.4	6.9	6.7	6.7	6.8	8.7	10.5	11.3	12.2	13.2	14.0
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Wholesale and retail trade	7.2	7.6	7.1	7.3	6.7	6.5	6.6	9.1	10.4	10.5	12.0	11.8	12.3
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(*)	(*)	(*)	(*)	(*)
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	3.4	5.6	7.8	(*)	5.1	3.0	3.3	2.6	1.6	(*)	(*)	(*)	(*)
Average weekly earnings, private nonfarm economy <sup>2</sup> :													
Current dollars	6.3	6.8	7.3	2.9	6.2	3.4	2.8	5.9	7.4	10.2	8.3	10.5	12.6
1967 dollars	-2.7	-2.6	-2.2	-7.9	-3.6	-7.4	-7.5	-5.2	-4.6	-1.5	-3.4	-1.8	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	-3.4	-3.4	-3.0	-8.2	-4.3	-7.8	-7.8	-5.9	-5.4	-2.6	-4.3	-3.0	(*)

<sup>1</sup> Current month divided by month 6 months earlier. <sup>2</sup> Not available. <sup>3</sup> Production and nonsupervisory workers. <sup>P</sup> Preliminary. NOTE: See technical description at end of table C-17.

<sup>4</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors.

Revised historical data are not yet available; they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

C-17. Average hourly or weekly compensation, seasonally adjusted

Measure	1973				1974								
	4th quarter		1st quarter		2d quarter		3d quarter		4th quarter				
	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept. <sup>1</sup>	Oct. <sup>2</sup>
<b>LEVELS</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$3.98	\$3.99	\$4.02	\$4.02	\$4.04	\$4.07	\$4.08	\$4.14	\$4.20	\$4.22	\$4.23	\$4.29	\$4.33
Mining	4.76	4.84	4.90	4.97	4.96	4.98	5.07	5.13	5.22	5.27	5.32	5.37	5.35
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#6.75	#6.78	#6.93	#6.88	#6.88
Manufacturing	4.16	4.16	4.18	4.20	4.20	4.23	4.23	4.33	4.38	4.52	4.58	4.52	4.57
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#5.37	#5.31	#5.52	#5.52	#5.55
Wholesale and retail trade	3.27	3.29	3.31	3.33	3.34	3.37	3.37	3.43	3.48	3.50	3.53	3.56	3.58
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#3.81	#3.79	#3.85	#3.89	#3.89
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#3.71	#3.73	#3.75	#3.78	#3.81
Wage rates, hired farm labor (quarterly data)	\$2.08	-	-	2.11	-	-	2.11	-	-	2.25	-	-	2.33
<b>Average weekly earnings, private nonfarm economy<sup>1</sup></b>													
Current dollars	147.26	148.03	148.79	147.53	150.08	150.76	150.33	152.35	154.14	154.87	155.55	157.44	158.48
1967 dollars	107.80	107.93	107.39	105.40	105.51	107.69	103.69	104.98	104.90	104.61	103.68	103.65	(*)
Real spendable earnings (worker and 3 dependents, 1967 dollars)	91.30	91.01	93.83	92.18	92.14	91.33	90.56	91.21	91.29	90.98	90.45	89.97	(*)
<b>INDEXES, 1967=100</b>													
<b>Average hourly compensation (quarterly data):</b>													
All persons, total private economy	-	157.3	-	-	159.8	-	-	163.2	-	-	169.4	-	-
All employees, private nonfarm economy:													
Current dollars	-	155.4	-	-	158.5	-	-	162.5	-	-	166.8	-	-
1967 dollars	-	112.9	-	-	112.1	-	-	111.7	-	-	111.1	-	-
<b>Average hourly earnings, private nonfarm economy<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:</b>													
Total, current dollars	159.6	150.3	151.3	151.7	152.5	153.5	155.5	156.1	158.5	159.3	160.8	162.1	163.3
1967 dollars	109.5	109.1	109.2	108.4	107.6	107.2	107.3	107.3	107.9	107.6	107.1	106.7	(*)
Mining	148.4	150.2	152.1	154.2	154.8	156.1	158.9	159.8	162.9	164.0	165.7	167.5	167.1
Contract construction	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#162.3	#163.9	#167.6	#166.7	#166.7
Manufacturing	146.5	157.0	157.9	148.5	149.3	159.1	151.4	153.3	155.4	156.7	158.1	159.7	161.7
Transportation and public utilities	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#163.9	#167.0	#167.3	#170.7	#170.9
Wholesale and retail trade	146.2	156.9	157.9	158.8	159.1	159.0	151.9	153.5	156.2	157.8	159.0	160.0	160.0
Finance, insurance, and real estate	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#158.7	#158.1	#159.2	#152.1	#151.8
Services	(#)	(#)	(#)	(#)	(#)	(#)	(#)	(#)	#162.9	#162.3	#162.0	#163.6	#163.6
<b>Average hourly earnings, all Federal executive branch employees<sup>2</sup></b>													
1967 dollars	163.3	167.8	170.8	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	(*)	(*)
<b>Average union scales, 7 building trades (quarterly data):<sup>2</sup></b>													
Wages and selected benefits	172.2	-	-	173.5	-	-	174.1	-	-	182.3	-	-	(*)
Hourly wage rates	161.9	-	-	163.0	-	-	163.5	-	-	171.0	-	-	(*)

<sup>1</sup> Production and nonproduction workers.

<sup>2</sup> Not seasonally adjusted.

<sup>3</sup> Not available.

<sup>4</sup> In percent.

<sup>5</sup> Previously published data for this series for March 1971 through May 1974 are being revised to correct processing errors; figures for subsequent months have been corrected for these errors.

Revised to: Final data are not yet available, they are scheduled to be published in December when the routine benchmarking and seasonal adjustment revisions will be made.

Technical description covering tables C-12 through C-17

Characteristics	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS man-hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1 and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Form Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per man-hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-18. Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
<b>ALABAMA</b> .....	\$141.40	\$154.66	\$155.90	40.4	40.7	40.6	\$3.50	\$3.80	\$3.84
Birmingham .....	172.20	182.16	179.21	41.0	40.3	39.3	4.20	4.52	4.56
Mobile .....	174.69	186.59	188.50	41.2	41.1	40.8	4.24	4.54	4.62
<b>ALASKA</b> .....	244.59	(*)	(*)	39.9	(*)	(*)	6.13	(*)	(*)
<b>ARIZONA</b> .....	161.59	166.43	179.39	39.8	37.4	39.6	4.06	4.45	4.53
Phoenix .....	158.80	173.88	184.34	39.9	38.3	39.9	3.98	4.54	4.62
Tucson .....	158.01	183.54	182.16	39.8	39.9	39.6	3.97	4.60	4.60
<b>ARKANSAS</b> .....	123.93	134.06	132.50	40.5	39.9	39.2	3.06	3.36	3.38
Fayetteville-Springdale .....	114.49	123.01	121.44	40.6	40.2	39.3	2.82	3.06	3.09
Fort Smith .....	127.92	132.60	132.44	41.0	39.7	39.3	3.12	3.34	3.37
Little Rock-North Little Rock .....	134.46	144.44	143.84	40.5	39.9	39.3	3.32	3.62	3.66
Pine Bluff .....	149.65	163.98	166.01	41.0	41.2	41.4	3.65	3.98	4.01
<b>CALIFORNIA</b> .....	182.66	192.08	194.49	40.5	40.1	40.1	4.51	4.79	4.85
Anaheim-Santa Ana-Garden Grove .....	172.13	180.26	183.15	40.5	40.6	40.7	4.25	4.44	4.50
Bakersfield .....	186.96	191.48	193.59	41.0	39.4	40.5	4.56	4.86	4.78
Fresno .....	159.42	166.69	170.17	41.3	39.5	39.3	3.86	4.22	4.33
Los Angeles-Lor j Beach .....	175.03	180.64	183.35	40.8	39.7	39.6	4.29	4.55	4.63
Modesto .....	166.43	184.28	198.16	40.2	40.5	42.8	4.14	4.55	4.63
Oxnard-Simi Valley-Ventura .....	156.02	159.98	169.58	39.4	38.0	39.9	3.96	4.21	4.25
Riverside-San Bernardino-Ontario .....	180.00	195.29	196.66	40.0	40.6	40.3	4.50	4.81	4.88
Sacramento .....	203.40	205.93	217.57	42.2	40.3	41.6	4.82	5.11	5.23
Salinas-Seaside-Monterey .....	178.27	181.42	179.64	40.7	38.6	38.8	4.38	4.70	4.63
San Diego .....	184.34	190.48	191.02	39.9	40.1	40.3	4.62	4.75	4.74
San Francisco-Oakland .....	212.66	221.82	225.89	40.2	39.4	39.7	5.29	5.63	5.69
San Jose .....	188.55	195.92	208.24	40.9	39.5	41.4	4.61	4.96	5.03
Santa Barbara-Santa Maria-Lompoc .....	154.77	165.35	166.55	38.5	38.1	38.2	4.02	4.34	4.36
Santa Rosa .....	173.01	177.64	171.08	39.5	39.3	37.6	4.38	4.52	4.55
Stockton .....	206.45	217.18	222.48	43.1	42.5	43.2	4.79	5.11	5.15
Vallejo-Fairfield-Napa .....	182.28	202.66	206.58	39.2	39.2	39.2	4.65	5.17	5.27
<b>COLORADO</b> .....	171.39	186.53	189.88	41.1	40.2	40.4	4.17	4.64	4.70
Denver .....	177.18	188.94	190.15	41.3	40.2	40.2	4.29	4.70	4.73
<b>CONNECTICUT</b> .....	176.40	183.82	188.07	42.1	41.4	41.7	4.19	4.44	4.51
Bridgeport .....	178.50	181.77	186.98	42.4	41.5	42.4	4.21	4.38	4.41
Hartford .....	185.27	194.58	194.88	42.3	42.3	42.0	4.38	4.60	4.64
New Britain .....	185.74	193.62	194.04	43.5	42.0	42.0	4.27	4.61	4.62
New Haven .....	168.10	171.90	176.88	41.2	39.7	40.2	4.08	4.33	4.40
Stamford .....	189.47	198.72	202.18	42.2	41.4	41.6	4.49	4.80	4.86
Waterbury .....	159.94	167.08	166.32	42.2	42.3	42.0	3.79	3.95	3.96
<b>DELAWARE</b> .....	186.46	176.96	190.24	41.9	39.5	39.8	4.45	4.48	4.78
Wilmington .....	207.25	208.75	218.56	41.7	40.3	40.7	4.97	5.18	5.37
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	191.30	199.12	(*)	39.2	38.0	(*)	4.88	5.24	(*)
<b>FLORIDA</b> .....	143.15	154.77	154.41	40.9	40.2	39.9	3.50	3.85	3.87
Fort Lauderdale-Hollywood .....	144.67	153.16	157.17	41.1	40.2	40.3	3.52	3.81	3.90
Jacksonville .....	164.61	184.34	189.95	42.1	41.8	42.4	3.91	4.41	4.48
Miami .....	133.87	140.43	136.04	40.2	38.9	38.0	3.33	3.61	3.58
Orlando .....	143.11	157.20	158.40	40.2	40.0	39.6	3.56	3.93	4.00
Pensacola .....	169.74	192.36	192.89	41.1	42.0	42.3	4.13	4.58	4.56
Tampa-St. Petersburg .....	152.85	169.32	168.04	41.2	40.8	40.2	3.71	4.15	4.18
West Palm Beach-Boca Raton .....	180.07	180.45	184.42	43.6	40.1	40.8	4.13	4.50	4.52
<b>GEORGIA</b> .....	138.43	143.60	142.99	41.2	40.0	39.5	3.36	3.59	3.62
Atlanta .....	175.87	163.38	156.88	40.9	38.9	37.0	4.30	4.20	4.24
Savannah .....	170.64	184.89	187.05	43.2	42.7	43.1	3.95	4.33	4.34

See footnotes at end of table.

ESTABLISHMENT DATA  
 STATE AND AREA HOURS AND EARNINGS

 C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
 by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
HAWAII	\$160.90	\$167.60	\$175.50	38.4	40.4	39.9	\$4.19	\$4.15	\$4.40
Honolulu	158.86	160.75	166.12	38.1	39.4	38.1	4.17	4.08	4.36
IDAHO	185.05	185.02	179.78	39.1	39.7	39.6	4.17	4.61	4.54
ILLINOIS	189.69	198.87	194.11	41.5	40.1	(*)	4.58	4.96	(*)
Chicago SMSA	189.55	198.87	194.11	40.9	(*)	(*)	4.63	(*)	(*)
Davenport- Rock Island- Moline	221.21	246.26	231.97	42.3	42.0	(*)	5.23	5.86	(*)
Decatur	201.22	222.95	217.00	40.8	40.7	(*)	4.94	5.47	(*)
Peoria	233.06	256.21	247.78	44.5	41.9	(*)	5.24	6.11	(*)
Rockford	187.70	199.55	191.58	42.4	41.9	(*)	4.43	4.77	(*)
Springfield	220.89	220.95	216.89	43.3	40.8	(*)	5.09	5.41	(*)
INDIANA	194.74	206.55	210.64	41.7	40.5	40.9	4.67	5.10	5.15
Indianapolis	198.54	206.04	207.10	42.2	40.8	(*)	4.70	5.05	(*)
IOWA	184.50	198.68	204.62	41.0	40.3	40.6	4.50	4.93	5.04
Cedar Rapids	194.32	202.59	202.50	41.7	40.6	40.5	4.66	4.99	5.00
Des Moines	187.66	214.76	218.90	39.0	40.1	40.4	4.82	5.36	5.42
Dubuque	216.28	247.70	270.46	40.2	40.9	42.3	5.38	6.06	6.39
Sioux City	141.11	163.66	170.17	39.7	38.6	39.3	3.63	4.24	4.33
Waterloo-Cedar Falls	234.78	238.70	238.12	43.0	40.4	41.7	5.46	5.91	6.19
KANSAS	167.51	173.76	176.68	42.0	40.6	40.5	3.98	4.28	4.34
Topeka	197.66	194.40	198.44	43.5	41.9	42.3	4.54	4.64	4.69
Wichita	178.14	190.46	191.04	42.6	41.5	41.4	4.19	4.59	4.62
KENTUCKY	161.60	168.50	171.81	40.3	39.2	(*)	4.01	4.30	(*)
Louisville	165.05	206.96	196.60	40.9	40.5	(*)	4.72	5.11	(*)
LOUISIANA	168.09	185.92	189.37	41.3	40.6	40.9	4.07	4.53	4.63
Baton Rouge	218.82	236.86	247.53	41.6	41.7	42.9	5.26	5.68	5.77
New Orleans	168.92	182.74	185.28	41.0	40.7	40.9	4.12	4.49	4.53
Shreveport	160.82	156.82	161.60	42.1	39.6	40.2	3.82	3.96	4.02
MAINE	155.55	146.78	145.84	41.2	41.0	40.4	3.29	3.58	3.61
Lewiston-Auburn	114.37	119.61	118.50	38.9	37.9	37.5	2.94	3.14	3.16
Portland	147.55	155.17	153.06	41.8	41.6	40.6	3.53	3.73	3.77
MARYLAND	176.50	185.74	189.27	41.0	39.6	40.1	4.30	4.64	4.72
Baltimore	186.50	190.39	197.47	41.4	39.5	40.3	4.50	4.82	4.90
MASSACHUSETTS	161.99	166.76	169.97	40.7	39.8	39.9	3.98	4.19	4.26
Boston	179.17	185.14	187.33	41.0	39.9	40.2	4.37	4.59	4.66
Brockton	134.80	139.26	140.01	39.3	38.9	39.0	3.43	3.58	3.59
Fall River	113.13	119.24	118.64	35.8	35.7	35.1	3.16	3.34	3.38
Lawrence-Haverhill	163.77	159.53	167.81	40.7	39.1	39.3	3.95	4.08	4.27
Lowell	143.81	149.77	152.10	39.4	38.6	39.1	3.65	3.88	3.89
New Bedford	134.46	147.41	145.92	39.2	39.1	38.3	3.43	3.77	3.81
Springfield-Chicopee-Holyoke	161.95	168.82	172.53	41.0	40.1	40.5	3.95	4.21	4.26
Worcester	167.28	173.53	176.84	41.0	39.8	40.1	4.08	4.36	4.41
MICHIGAN	226.44	234.56	243.92	43.0	41.5	42.2	5.27	5.65	5.78
Ann Arbor	249.56	268.04	284.85	45.4	44.8	45.3	5.50	5.98	6.29
Battle Creek	234.52	244.24	249.27	44.0	41.8	42.4	5.33	5.84	5.88
Bay City	201.07	244.57	251.10	42.8	45.4	46.5	4.70	5.39	5.40
Detroit	241.27	257.30	262.86	43.3	42.5	42.7	5.59	6.05	6.16
Flint	248.87	237.75	269.48	43.9	37.9	41.6	5.67	6.27	6.48
Grand Rapids	186.80	198.03	204.18	41.8	41.0	41.4	4.47	4.83	4.93
Jackson	209.75	229.32	228.38	42.4	43.0	42.6	4.95	5.33	5.36
Kalamazoo-Portage	194.60	209.55	218.59	41.5	41.0	41.7	4.69	5.11	5.24
Lansing-East Lansing	249.72	217.21	251.12	45.1	38.6	42.0	5.54	5.72	5.98
Muskegon-Muskegon Heights	201.27	214.37	214.45	42.4	42.4	41.4	4.75	5.06	5.18
Saginaw	276.40	252.55	265.81	45.2	41.3	42.3	6.12	6.12	6.28

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS

C-18. Gross hours and earnings of production workers on manufacturing payrolls,  
by State and selected areas—Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>P</sup>
<b>MINNESOTA</b>	\$ 173.89	\$ 183.02	\$ 187.67	41.6	39.7	40.1	\$ 4.18	\$ 4.61	\$ 4.68
Duluth-Superior	176.39	179.50	186.64	41.7	39.8	41.2	4.23	4.51	4.53
Minneapolis-St. Paul	188.37	200.69	206.23	41.4	40.3	41.0	4.55	4.98	5.03
<b>MISSISSIPPI</b>	122.29	128.16	129.49	40.9	39.8	39.6	2.99	3.22	3.27
Jackson	123.68	132.60	133.17	41.7	40.8	40.6	2.99	3.25	3.28
<b>MISSOURI</b>	164.41	171.65	179.90	40.1	39.1	39.8	4.10	4.39	4.52
Kansas City	187.73	199.30	196.39	40.9	39.9	39.2	4.59	5.01	5.01
St. Joseph	149.65	163.62	168.51	39.8	40.4	40.9	3.76	4.05	4.12
St. Louis	189.07	195.78	209.79	40.4	39.0	40.5	4.68	5.02	5.18
Springfield	139.48	156.42	152.82	39.4	39.7	39.9	3.54	3.94	3.83
<b>MONTANA</b>	188.09	199.13	205.92	40.8	38.8	39.6	4.61	5.14	5.20
<b>NEBRASKA</b>	159.74	165.67	173.25	41.9	41.0	41.1	3.81	4.04	4.21
Lincoln	154.02	164.24	167.16	40.6	39.9	39.9	3.79	4.11	4.19
Omaha	171.95	176.30	183.91	41.5	40.0	40.2	4.14	4.41	4.57
<b>NEVADA</b>	188.75	185.25	181.92	39.4	37.5	36.9	4.79	4.94	4.95
Las Vegas	215.02	213.72	(-)	40.8	39.0	(-)	5.27	5.48	(-)
<b>NEW HAMPSHIRE</b>	138.30	143.15	145.86	40.0	38.9	39.0	3.46	3.68	3.74
Manchester	125.65	129.83	130.59	38.9	37.2	37.1	3.23	3.49	3.52
<b>NEW JERSEY</b>	178.45	187.73	192.87	41.5	40.9	41.3	4.30	4.59	4.67
Atlantic City	142.92	151.71	136.49	39.7	38.8	36.9	3.60	3.91	3.97
Camden <sup>1</sup>	168.91	183.31	182.05	41.5	40.2	40.1	4.07	4.56	4.54
Hackensack <sup>2</sup>	169.88	185.90	189.95	39.6	40.5	40.5	4.29	4.59	4.69
Jersey City <sup>2</sup>	182.33	181.69	188.60	42.7	41.2	41.0	4.27	4.41	4.60
Newark <sup>2</sup>	185.22	193.64	200.45	42.0	41.2	42.2	4.41	4.70	4.75
New Brunswick-Perth Amboy-Sayreville <sup>2</sup>	190.11	204.75	208.42	41.6	41.7	41.6	4.57	4.91	5.01
Paterson-Litton-Passaic <sup>2</sup>	168.92	180.67	184.95	41.0	40.6	41.1	4.12	4.45	4.50
Trenton	180.56	189.32	196.56	41.7	41.7	42.0	4.33	4.54	4.68
<b>NEW MEXICO</b>	123.01	132.05	133.51	39.3	39.3	38.7	3.13	3.36	3.45
Albuquerque	131.14	137.41	139.71	39.5	39.6	38.7	3.32	3.47	3.61
<b>NEW YORK</b>	170.85	180.52	(-)	40.2	39.5	(-)	4.25	4.57	(-)
Albany-Schenectady-Troy	181.56	195.16	198.31	40.8	41.0	41.4	4.45	4.76	4.79
Binghamton	163.98	177.19	181.44	41.2	41.4	42.0	3.98	4.28	4.32
Buffalo	213.87	227.01	233.79	42.1	41.2	41.6	5.08	5.51	5.62
Elmira	162.40	174.07	173.63	40.6	40.2	40.1	4.00	4.33	4.33
Monroe County <sup>3</sup>	216.57	225.72	232.26	43.4	41.8	42.0	4.99	5.40	5.53
Nassau-Suffolk <sup>4</sup>	163.93	170.60	174.59	39.5	39.4	39.5	4.15	4.33	4.42
New York-Northeastern New Jersey	167.58	176.06	(-)	39.9	39.3	(-)	4.20	4.48	(-)
New York and Nassau-Suffolk <sup>2</sup>	157.47	164.43	(-)	38.5	37.8	(-)	4.09	4.35	(-)
New York SMSA <sup>4</sup>	156.26	163.13	(-)	38.3	37.5	(-)	4.08	4.35	(-)
New York City <sup>5</sup>	155.07	162.63	(-)	38.1	37.3	(-)	4.01	4.36	(-)
Poughkeepsie	193.52	195.85	196.98	43.1	42.3	42.0	4.49	4.63	4.69
Rochester	206.50	214.14	219.45	43.2	41.5	41.8	4.78	5.16	5.25
Rockland County <sup>5</sup>	164.41	173.47	178.08	41.0	41.5	42.3	4.01	4.18	4.21
Syracuse	184.40	201.89	203.08	42.1	41.8	41.7	4.38	4.83	4.87
Utica-Rome	159.10	161.11	165.17	40.9	39.2	39.8	3.89	4.11	4.15
Westchester County <sup>5</sup>	173.40	176.60	181.94	40.8	39.4	39.9	4.25	4.33	4.56
<b>NORTH CAROLINA</b>	123.53	131.26	131.09	40.5	39.3	38.9	3.05	3.34	3.37
Asheville	120.80	129.03	128.05	40.4	39.7	39.4	2.99	3.25	3.25
Charlotte-Gastonia	125.97	135.34	133.39	41.3	40.4	39.7	3.05	3.35	3.36
Greensboro-Winston-Salem-High Point	133.00	143.02	144.32	39.7	39.4	38.9	3.35	3.63	3.71
Raleigh-Durham	135.88	145.39	146.23	40.2	39.4	39.1	3.38	3.69	3.79
<b>NORTH DAKOTA</b>	147.96	161.46	158.67	41.1	41.4	41.0	3.60	3.90	3.87
Fargo-Moorhead	153.62	178.51	192.24	38.5	42.3	43.2	3.99	4.22	4.45

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**
**C-18. Gross hours and earnings of production workers on manufacturing payrolls,**
**by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>b</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
<b>OHIO</b> .....	\$ 203.34	\$ 212.59	\$ 217.46	42.4	41.2	41.5	\$ 4.81	\$ 5.16	\$ 5.23
Akron .....	205.22	237.17	238.46	40.8	43.2	43.2	5.03	5.49	5.52
Canton .....	203.77	213.60	221.14	41.3	40.0	40.8	4.91	5.34	5.42
Cincinnati .....	190.77	193.75	201.96	42.3	41.1	41.8	4.51	4.89	4.89
Cleveland .....	212.54	220.92	231.01	43.2	42.0	42.7	4.92	5.26	5.41
Columbus .....	185.49	196.49	198.90	40.5	40.1	40.1	4.58	4.90	4.96
Dayton .....	224.26	224.58	220.73	43.8	41.9	40.5	5.12	5.36	5.45
Toledo .....	219.73	229.50	227.42	43.0	41.5	41.2	5.11	5.53	5.52
Youngstown-Warren .....	233.86	233.65	252.95	44.5	39.8	41.4	5.34	5.87	6.11
<b>OKLAHOMA</b> .....	150.92	162.39	166.87	40.3	40.7	40.3	3.69	3.99	4.08
Oklahoma City .....	157.77	163.99	166.46	41.3	41.1	40.8	3.82	3.99	4.08
Tulsa .....	163.21	180.05	186.22	40.7	40.1	41.2	4.01	4.49	4.52
<b>OREGON</b> .....	181.03	192.48	192.77	39.1	39.5	39.1	4.63	5.05	5.05
Eugene-Springfield .....	183.42	198.12	198.12	38.0	38.1	38.0	4.84	5.20	5.20
Portland .....	177.77	198.74	198.74	38.0	39.2	39.0	4.67	5.07	5.07
<b>PENNSYLVANIA</b> .....	172.46	183.81	187.53	40.2	39.7	39.7	4.29	4.63	4.70
Allentown-Bethlehem-Easton .....	171.07	181.35	186.94	39.0	39.0	39.1	4.32	4.65	4.73
Altoona .....	130.26	145.92	150.14	37.0	38.2	38.3	3.53	3.82	3.92
Delaware Valley .....	176.88	186.95	186.40	40.2	40.2	40.0	4.40	4.65	4.66
Erie .....	186.19	192.28	199.18	38.2	41.8	42.2	4.81	4.60	4.72
Harrisburg .....	161.07	173.26	175.72	37.3	40.2	39.8	4.30	4.31	4.39
Johnstown .....	186.44	200.77	208.15	38.6	38.5	39.2	4.83	5.22	5.31
Lancaster .....	155.90	168.10	163.07	40.6	39.3	39.2	3.83	4.15	4.16
Northeast Pennsylvania .....	129.83	135.79	136.88	37.2	36.8	36.5	3.49	3.69	3.73
Philadelphia SMSA .....	175.71	186.15	186.00	40.3	40.2	40.0	4.36	4.63	4.65
Pittsburgh .....	205.92	225.09	223.65	41.6	41.3	41.6	4.95	5.35	5.40
Reading .....	157.21	163.82	167.13	39.8	38.0	38.6	3.95	4.27	4.33
Scranton .....	127.37	133.22	135.74	36.6	36.3	36.7	3.48	3.67	3.70
Wilkes-Barre-Hazleton .....	128.34	134.42	139.16	37.2	36.9	36.9	3.45	3.64	3.69
Williamsport .....	147.78	161.92	163.44	39.2	39.3	39.1	3.77	4.12	4.18
York .....	153.21	166.43	165.24	41.5	41.3	40.9	3.73	4.02	4.04
<b>RHODE ISLAND</b> .....	132.60	144.62	145.08	39.0	39.3	39.0	3.40	3.68	3.72
Providence-Warwick-Pawtucket .....	133.17	146.07	145.39	39.3	39.8	39.4	3.38	3.67	3.69
<b>SOUTH CAROLINA</b> .....	127.82	136.34	136.12	41.1	40.1	39.8	3.11	3.40	3.42
Charleston .....	141.52	151.12	151.98	41.5	41.1	41.0	3.41	3.75	3.78
Columbia .....	125.33	138.75	139.90	40.3	40.1	40.2	3.11	3.46	3.48
Greenville-Spartanburg .....	125.67	139.66	138.80	40.6	40.6	40.0	3.12	3.44	3.47
<b>SOUTH DAKOTA</b> .....	147.38	158.84	161.77	42.5	41.8	41.8	3.47	3.80	3.87
Sioux Falls .....	191.78	213.30	217.08	46.1	45.0	45.7	4.16	4.73	4.75
<b>TENNESSEE</b> .....	136.75	147.86	149.48	40.7	40.1	40.1	3.36	3.66	3.70
Chattanooga .....	150.52	161.07	157.60	42.4	41.5	40.9	3.55	3.90	3.94
Knoxville .....	160.16	171.77	171.68	41.6	40.8	40.8	3.88	4.21	4.26
Memphis .....	163.74	176.71	178.81	41.6	41.0	41.2	3.96	4.31	4.34
Nashville-Davidson .....	133.50	141.37	135.92	39.8	37.8	38.3	3.38	3.74	3.81
<b>TEXAS</b> .....	156.53	168.50	170.11	41.3	40.7	40.6	3.79	4.14	4.19
Amarillo .....	133.09	144.67	151.68	40.7	39.1	39.5	3.27	3.70	3.84
Austin .....	131.70	136.21	140.88	40.4	40.3	40.6	3.26	3.38	3.47
Beaumont-Port Arthur-Orange .....	202.50	223.67	232.36	40.5	40.3	41.6	5.00	5.55	5.60
Corpus Christi .....	174.30	182.78	186.87	41.6	40.8	41.9	4.19	4.48	4.46
Dallas .....	143.42	155.20	155.60	40.4	40.0	40.0	3.55	3.88	3.89
El Paso .....	106.25	104.51	117.55	40.4	36.8	37.2	2.63	2.84	3.16
Fort Worth .....	158.28	166.40	166.76	40.9	40.0	39.8	3.87	4.16	4.19
Galveston-Texas City .....	232.94	257.80	244.86	42.2	43.1	42.0	5.52	5.94	5.83
Houston .....	189.60	207.31	207.52	42.8	43.1	42.7	4.43	4.81	4.86
Lubbock .....	129.63	128.12	120.78	42.5	33.3	38.1	3.05	3.26	3.17
San Antonio .....	126.82	135.36	134.64	42.7	42.1	41.3	2.97	3.22	3.26
Waco .....	141.80	144.99	141.33	41.1	39.4	38.3	3.45	3.68	3.69
Wichita Falls .....	118.84	136.49	133.17	40.3	40.5	39.4	2.95	3.37	3.38
<b>UTAH</b> .....	153.26	156.02	156.02	39.5	39.6	39.3	3.88	3.94	3.97
Salt Lake City-Ogden .....	154.73	154.42	154.45	40.4	39.8	39.4	3.83	3.88	3.92

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-18. Gross hours and earnings of production workers on manufacturing payrolls,**  
**by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>	Sept. 1973	Aug. 1974	Sept. 1974 <sup>p</sup>
<b>VERMONT</b> .....	\$ 149.16	\$ 157.38	\$ 159.01	41.9	41.2	41.3	\$ 3.56	\$ 3.82	\$ 3.85
Burlington .....	160.19	175.97	178.49	41.5	41.7	41.9	3.86	4.22	4.26
Springfield .....	178.70	185.32	185.74	43.8	42.8	42.6	4.08	4.33	4.36
<b>VIRGINIA</b> .....	137.30	147.63	148.88	40.5	39.9	39.7	3.39	3.70	3.75
Lynchburg .....	138.44	146.42	151.11	41.7	40.9	41.4	3.32	3.58	3.65
Norfolk—Virginia Beach Portsmouth .....	140.03	149.54	147.26	41.8	40.2	39.8	3.35	3.72	3.70
Northern Virginia <sup>9</sup> .....	176.18	188.54	189.74	40.5	40.2	40.2	4.35	4.69	4.72
Richmond .....	152.00	165.00	166.96	40.0	39.1	39.1	3.80	4.22	4.27
Roanoke .....	127.12	135.74	133.57	40.1	40.4	39.4	3.17	3.36	3.39
<b>WASHINGTON</b> .....	191.39	208.54	207.73	39.3	39.2	38.9	4.87	5.32	5.34
Seattle Everett .....	194.93	208.43	211.53	39.3	39.4	39.1	4.96	5.29	5.41
Spokane .....	180.89	200.90	200.59	38.9	40.1	39.8	4.65	5.01	5.04
Tacoma .....	193.33	215.28	211.69	38.9	39.5	38.7	4.97	5.45	5.47
<b>WEST VIRGINIA</b> .....	165.53	181.31	180.39	39.6	39.5	39.3	4.18	4.59	4.59
Charleston .....	198.86	210.67	211.24	42.4	41.8	41.5	4.69	5.04	5.09
Huntington—Ashland .....	181.76	199.48	197.46	39.6	39.5	39.1	4.59	5.05	5.05
Wheeling .....	174.17	191.90	191.43	40.6	40.4	40.3	4.29	4.75	4.75
<b>WISCONSIN</b> .....	190.32	194.01	201.02	42.4	40.7	41.3	4.49	4.76	4.87
Appleton—Oshkosh .....	184.88	194.06	199.21	43.1	42.0	42.5	4.29	4.62	4.69
Green Bay .....	187.07	199.60	201.44	43.3	41.8	42.0	4.32	4.77	4.79
Kenosha .....	249.82	254.15	247.11	44.8	42.4	40.8	5.58	5.99	6.05
La Crosse .....	148.89	164.00	163.77	41.2	41.0	40.7	3.61	4.00	4.02
Madison .....	191.87	214.28	213.82	41.1	41.2	40.9	4.66	5.20	5.22
Milwaukee .....	211.75	214.28	222.59	42.4	40.9	41.2	4.99	5.23	5.40
Racine .....	196.25	212.14	214.25	41.4	40.6	40.5	4.75	5.23	5.29
<b>WYOMING</b> .....	181.08	195.06	(*)	40.6	38.9	(*)	4.46	5.04	(*)
Casper .....	198.79	215.83	(*)	41.5	39.1	(*)	4.79	5.52	(*)
Cheyenne .....	178.19	177.01	(*)	34.6	29.6	(*)	5.15	5.98	(*)

<sup>1</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>2</sup> Area included in the New York—Northeastern New Jersey Standard Consolidated Area.

<sup>3</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>4</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>5</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>7</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>8</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

<sup>9</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

\* Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

D-1. Labor turnover rates in manufacturing 1963 to date

(Percent)

Year	Annual average	Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>													
1963	5.9	5.6	5.5	5.2	5.9	5.9	4.8	4.3	4.8	4.8	5.0	5.9	5.8
1964	4.9	5.1	5.4	5.7	5.8	5.9	5.1	4.4	5.1	4.8	4.9	5.2	5.0
1965	4.3	5.8	5.5	4.9	5.8	4.1	5.6	4.8	5.4	5.8	4.8	5.9	5.1
1966	5.2	4.6	4.2	4.9	4.0	5.1	6.5	5.1	6.4	6.1	5.1	5.9	5.9
1967	4.4	4.3	5.6	5.9	5.9	4.6	5.9	4.7	5.3	5.3	4.7	5.7	5.8
1968	4.7	4.2	5.8	4.9	4.8	4.7	5.9	5.0	5.8	5.7	5.1	5.4	5.1
1969	4.7	4.6	5.9	4.4	4.9	4.8	6.6	5.1	5.9	5.9	4.9	5.0	5.9
1970	4.7	5.7	5.6	5.7	5.7	5.2	5.1	4.1	5.1	4.7	5.8	5.0	5.4
1971	5.0	5.8	5.1	5.7	5.7	6.0	4.9	4.0	5.3	4.8	5.3	5.3	5.2
1972	4.3	4.1	5.7	4.9	4.9	4.8	5.2	4.6	6.0	5.3	4.8	5.6	5.7
1973	5.7	4.6	4.9	4.4	4.5	5.5	5.9	5.1	6.2	5.7	5.2	5.8	5.6
1974		4.2	5.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9 <sup>p</sup>			
<b>New hires</b>													
1963	4.1	4.7	4.8	5.0	4.3	5.6	5.5	3.7	5.2	5.2	2.4	1.8	3.1
1964	3.7	2.7	3.7	3.3	3.4	5.5	3.6	2.3	3.4	3.5	2.8	2.2	1.6
1965	3.1	4.9	3.1	2.8	2.6	3.0	4.3	5.2	3.9	4.0	5.5	2.9	2.2
1966	5.5	5.2	5.1	5.7	5.6	4.1	5.6	5.9	4.8	4.7	3.2	3.1	2.4
1967	5.9	5.2	5.7	5.8	5.8	3.3	4.6	5.8	4.0	4.1	5.7	2.8	2.0
1968	5.5	5.1	5.7	5.7	4.2	5.6	4.7	5.7	4.3	4.6	1.0	2.9	2.2
1969	5.7	5.2	5.9	5.4	5.5	3.8	5.4	5.9	4.5	4.8	4.0	2.8	2.1
1970	2.8	2.9	2.9	2.1	2.6	2.8	5.9	5.0	3.5	3.4	2.7	1.9	1.4
1971	2.5	2.9	1.9	2.2	2.3	2.6	5.5	2.7	5.4	3.1	2.7	2.2	1.6
1972	5.8	2.6	3.4	2.7	2.9	3.6	3.1	5.7	4.4	4.2	5.8	2.9	2.0
1973	5.7	5.8	3.1	3.5	3.6	4.4	5.9	4.1	5.0	4.7	4.3	5.0	2.6
1974		5.2	2.7	3.0	3.3	3.9	4.3	3.7	4.2	3.9 <sup>p</sup>			
<b>Total separations</b>													
1963	5.9	4.9	5.2	5.5	5.6	5.6	5.1	4.1	4.8	4.9	4.1	3.9	3.7
1964	5.9	4.6	5.3	5.4	5.5	5.6	5.5	4.4	4.3	5.1	4.2	3.6	3.7
1965	4.1	5.7	5.1	5.4	5.7	5.6	5.6	4.3	5.1	5.6	1.5	3.9	4.1
1966	4.6	4.9	5.7	5.1	4.3	4.3	4.4	5.3	5.8	6.6	1.8	1.3	4.2
1967	4.5	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	5.9
1968	4.6	4.4	5.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	5.8
1969	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.6	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.2	4.9	3.7	3.8	3.7	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.6
1973	4.6	4.2	3.7	4.2	4.1	4.3	4.4	5.1	6.5	5.7	4.9	4.1	3.9
1974		3.9	4.0	4.3	4.2	4.4	4.2	4.9	6.1	5.6 <sup>p</sup>			
<b>Quits</b>													
1963	1.4	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8
1964	1.5	1.2	1.1	1.2	1.3	1.5	1.4	1.4	2.1	2.7	1.7	1.2	1.0
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968	2.5	2.0	1.9	2.1	2.2	2.3	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2
1972	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.4	2.5	1.9	1.6
1973	2.7	2.2	2.1	2.5	2.4	2.7	2.8	2.8	4.5	3.9	3.0	2.2	1.6
1974		2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2 <sup>p</sup>			
<b>Layoffs</b>													
1963	1.8	2.2	1.6	1.7	1.5	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3
1964	1.7	2.0	1.6	1.7	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971	1.6	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973	.9	1.0	.8	.8	.7	.6	.6	1.4	.8	.7	.8	1.0	1.5
1974		1.7	1.2	1.1	.9	.8	.7	1.3	1.1	1.3 <sup>p</sup>			

<sup>p</sup> preliminary

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>
-	<b>MANUFACTURING</b> .....	5.4	4.9	4.2	3.9	6.1	5.6	4.0	3.2	1.1	1.5
19,24,25,32-39	<b>DURABLE GOODS</b> .....	4.7	4.4	3.6	3.4	5.7	5.0	3.5	2.8	1.0	1.1
20-23,26-31	<b>NONDURABLE GOODS</b> .....	6.4	5.7	5.0	4.6	6.8	6.4	4.6	3.9	1.1	1.5
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	2.4	-	1.5	-	2.7	-	1.5	-	.8	-
192	Ammunition, except for small arms .....	2.1	-	1.2	-	2.4	-	1.0	-	.9	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	6.0	5.5	5.4	4.9	9.1	8.6	6.4	5.4	1.5	2.2
242	Sawmills and planing mills .....	5.6	-	5.0	-	7.8	-	5.5	-	1.1	-
2421	Sawmills and planing mills, general .....	5.0	-	4.5	-	7.6	-	5.1	-	1.3	-
243	Millwork, plywood and related products .....	5.6	-	5.1	-	10.5	-	7.2	-	2.1	-
2431	Millwork .....	4.8	-	4.3	-	9.4	-	6.5	-	1.9	-
2432	Veneer and plywood .....	5.7	-	5.2	-	9.8	-	6.1	-	2.1	-
244	Wooden containers .....	9.4	-	8.1	-	12.2	-	10.0	-	1.1	-
2441,2	Wooden boxes, shooks, and crates .....	7.9	-	7.1	-	11.5	-	9.2	-	1.3	-
249	Miscellaneous wood products .....	7.7	-	6.7	-	10.5	-	7.5	-	1.8	-
25	<b>FURNITURE AND FIXTURES</b> .....	8.0	6.7	6.9	5.8	9.1	7.6	6.8	5.0	.8	1.2
251	Household furniture .....	8.5	-	7.3	-	9.7	-	7.4	-	.8	-
2511	Wood household furniture .....	9.4	-	8.1	-	10.8	-	8.5	-	.5	-
2512	Upholstered household furniture .....	6.9	-	6.3	-	8.1	-	6.4	-	.7	-
2515	Mattresses and bedsprings .....	6.0	-	4.9	-	6.7	-	4.5	-	.8	-
252	Office furniture .....	6.0	-	5.4	-	6.0	-	4.4	-	.4	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	4.5	4.3	3.8	3.4	6.4	6.0	4.3	3.2	.9	1.7
321	Flat glass .....	2.7	-	1.5	-	6.5	-	1.3	-	4.3	-
322	Glass and glassware, pressed or blown .....	4.0	-	3.0	-	5.4	-	3.4	-	.2	-
3221	Glass containers .....	3.7	-	3.2	-	5.3	-	3.0	-	.3	-
3229	Pressed and blown glass, nec .....	4.4	-	2.8	-	5.4	-	2.7	-	.2	-
324	Cement, hydraulic .....	1.3	-	1.0	-	3.7	-	2.7	-	.5	-
325	Structural clay products .....	6.2	-	5.4	-	10.3	-	8.5	-	.7	-
3251	Brick and structural clay tile .....	8.1	-	6.6	-	12.1	-	10.0	-	.9	-
326	Pottery and related products .....	5.9	-	4.8	-	6.6	-	4.7	-	.3	-
3291	Abrasive products .....	3.1	-	2.6	-	5.7	-	2.5	-	1.4	-
33	<b>PRIMARY METAL INDUSTRIES</b> .....	3.4	3.3	2.7	2.6	4.4	3.9	2.7	2.1	.5	.6
331	Blast furnace and basic steel products .....	2.4	-	1.6	-	3.4	-	1.9	-	.4	-
3312	Blast furnaces and steel mills .....	2.0	-	1.3	-	3.3	-	1.7	-	.4	-
332	Iron and steel foundries .....	6.0	-	5.2	-	5.8	-	4.0	-	.2	-
3321	Gray iron foundries .....	5.6	-	4.9	-	5.4	-	3.9	-	.2	-
3322	Malleable iron foundries .....	6.4	-	5.0	-	7.4	-	4.6	-	.6	-
3323	Steel foundries .....	6.6	-	5.7	-	6.0	-	4.0	-	.2	-
333,4	Nonferrous metals .....	2.8	-	2.6	-	4.2	-	2.8	-	.3	-
335	Nonferrous rolling and drawing .....	2.6	-	1.9	-	3.9	-	1.9	-	1.1	-
3351	Copper rolling and drawing .....	2.2	-	1.8	-	5.8	-	2.4	-	2.6	-
3352	Aluminum rolling and drawing .....	1.9	-	1.7	-	2.7	-	1.5	-	.4	-
3357	Nonferrous wire drawing, and insulating .....	3.4	-	2.0	-	4.0	-	2.0	-	1.1	-
336	Nonferrous foundries .....	6.1	-	5.3	-	7.7	-	5.0	-	1.1	-
3361	Aluminum castings .....	6.0	-	5.1	-	7.9	-	5.6	-	.9	-
3362,9	Other nonferrous castings .....	6.3	-	5.4	-	7.6	-	4.3	-	1.3	-
339	Miscellaneous primary metal products .....	3.8	-	3.4	-	4.9	-	3.5	-	.2	-
3391	Iron and steel forgings .....	3.6	-	3.1	-	4.3	-	3.2	-	.1	-
34	<b>FABRICATED METAL PRODUCTS</b> .....	5.5	-	4.4	-	6.4	-	4.1	-	1.0	-
341	Metal cans .....	4.8	-	2.8	-	7.4	-	2.9	-	2.7	-
342	Cutlery, hand tools, and hardware .....	5.4	-	4.3	-	6.0	-	4.2	-	.7	-
3421,3,5	Cutlery and hand tools, incl. saws .....	5.2	-	5.0	-	6.1	-	4.7	-	.5	-
3429	Hardware, nec .....	5.5	-	3.7	-	5.9	-	3.8	-	1.0	-
343	Plumbing and heating, except electric .....	4.9	-	3.3	-	8.1	-	3.9	-	3.0	-
3431,2	Sanitary ware and plumbers' brass goods .....	3.0	-	2.3	-	8.5	-	4.1	-	3.1	-
3433	Heating equipment, except electric .....	6.6	-	4.1	-	7.7	-	3.8	-	2.8	-
344	Fabricated structural metal products .....	5.6	-	5.0	-	6.8	-	4.5	-	1.0	-
3441	Fabricated structural steel .....	5.9	-	5.4	-	6.7	-	4.3	-	1.0	-
3443	Fabricated plate work (boiler shops) .....	4.4	-	3.8	-	4.7	-	3.0	-	.6	-
3446,9	Architectural and misc. metal work .....	6.5	-	5.8	-	8.0	-	5.6	-	.7	-
345	Screw machine products, bolts, etc. .....	4.3	-	4.1	-	5.6	-	4.2	-	.2	-
3452	Bolts, nuts, rivets, and washers .....	3.5	-	3.2	-	4.5	-	3.2	-	.2	-

See footnotes at end of table.

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>
	<b>DURABLE GOODS — Continued</b>										
	<b>FABRICATED METAL PRODUCTS — Continued</b>										
346	Metal stampings .....	6.2	-	3.4	-	5.0	-	2.9	-	1.0	-
348	Miscellaneous fabricated wire products .....	6.1	-	5.3	-	6.7	-	5.0	-	.6	-
349	Miscellaneous fabricated metal products .....	4.6	-	4.0	-	5.4	-	3.9	-	.6	-
3494,8	Valves, pipe, and pipe fittings .....	4.4	-	4.0	-	4.9	-	3.6	-	.4	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	3.6	3.9	3.0	3.3	4.4	3.6	2.8	2.1	.5	0.5
351	Engines and turbines .....	2.9	-	2.3	-	3.3	-	1.7	-	.1	-
3511	Steam engines and turbines .....	1.9	-	1.1	-	2.7	-	.6	-	(1)	-
3519	Internal combustion engines, nec .....	3.5	-	3.0	-	3.6	-	2.3	-	.1	-
352	Farm machinery .....	5.0	-	3.9	-	6.8	-	4.2	-	.7	-
353	Construction and related machinery .....	3.3	-	3.1	-	3.9	-	2.7	-	.3	-
3531,2	Construction and mining machinery .....	2.8	-	2.5	-	3.0	-	2.1	-	.2	-
3533	Oil field machinery .....	4.8	-	4.7	-	4.7	-	3.3	-	(1)	-
3535,6	Conveyors, hoists, cranes, monorails .....	3.5	-	3.2	-	4.8	-	3.3	-	.5	-
354	Metal working machinery .....	3.1	-	2.6	-	4.0	-	2.5	-	.6	-
3541	Machine tools, metal cutting types .....	2.3	-	3.1	-	3.3	-	2.5	-	.1	-
3545	Machine tool accessories .....	2.8	-	2.6	-	3.4	-	2.5	-	.2	-
3542,8	Miscellaneous metal working machinery .....	3.2	-	2.9	-	4.8	-	3.0	-	1.0	-
355	Special industry machinery .....	3.2	-	2.9	-	4.1	-	2.8	-	.7	-
3551	Food products machinery .....	3.2	-	3.0	-	4.1	-	2.9	-	.2	-
3552	Textile machinery .....	4.2	-	3.4	-	5.6	-	3.6	-	.7	-
356	General industrial machinery .....	3.4	-	3.0	-	4.3	-	3.0	-	.4	-
3561	Pumps and compressors .....	3.2	-	2.8	-	4.0	-	2.7	-	.1	-
3562	Ball and roller bearings .....	3.1	-	2.9	-	3.2	-	2.4	-	.1	-
3566	Power transmission equipment .....	3.0	-	3.2	-	5.2	-	3.3	-	.4	-
357	Office and computing machines .....	2.5	-	2.0	-	3.2	-	2.0	-	.2	-
3573	Electronic computing equipment .....	2.2	-	1.6	-	2.6	-	1.6	-	.3	-
358	Service industry machines .....	3.4	-	2.5	-	6.2	-	3.1	-	2.0	-
3585	Refrigeration machinery .....	3.2	-	2.0	-	6.1	-	2.5	-	2.3	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> .....	4.2	-	3.0	-	5.1	-	3.2	-	.8	-
361	Electric test and distributing equipment .....	3.1	-	2.7	-	4.1	-	2.9	-	.8	-
3611	Electric measuring instruments .....	3.3	-	2.8	-	4.0	-	2.8	-	.3	-
3612	Transformers .....	3.5	-	2.5	-	4.5	-	3.0	-	.4	-
3613	Switchgear and switchboard apparatus .....	2.6	-	2.3	-	3.8	-	2.9	-	.2	-
362	Electrical industrial apparatus .....	3.3	-	2.6	-	4.7	-	3.2	-	.5	-
3621	Motors and generators .....	3.6	-	2.5	-	4.5	-	2.7	-	.8	-
3622	Industrial controls .....	2.9	-	2.5	-	3.0	-	4.0	-	.1	-
363	Household appliances .....	5.5	-	3.8	-	6.4	-	3.8	-	1.1	-
3632	Household refrigerators and freezers .....	5.9	-	3.9	-	6.4	-	3.5	-	1.2	-
3633	Household laundry equipment .....	1.9	-	1.1	-	6.6	-	2.0	-	2.8	-
3634	Electric housewares and fans .....	8.5	-	6.6	-	7.3	-	5.8	-	.3	-
364	Electric lighting and wiring equipment .....	4.8	-	3.4	-	5.8	-	3.3	-	1.3	-
3641	Electric lamps .....	5.8	-	1.6	-	3.3	-	1.4	-	1.0	-
3642	Lighting fixtures .....	6.6	-	3.2	-	6.5	-	4.0	-	1.6	-
3643,4	Wiring devices .....	3.4	-	2.8	-	6.1	-	3.6	-	1.3	-
365	Radio and TV receiving equipment .....	7.4	-	3.2	-	6.5	-	3.6	-	1.2	-
366	Communication equipment .....	2.6	-	2.0	-	3.9	-	1.8	-	.1	-
3661	Telephone and telegraph apparatus .....	2.2	-	1.5	-	2.7	-	1.6	-	.5	-
3662	Radio and TV communication equipment .....	2.7	-	2.1	-	3.1	-	1.9	-	.3	-
367	Electronic components and accessories .....	1.5	-	3.5	-	6.6	-	4.2	-	1.1	-
3671,3	Electron tubes .....	3.4	-	2.2	-	4.5	-	2.4	-	.7	-
3674,9	Other electronic components .....	4.7	-	3.6	-	6.9	-	4.5	-	1.1	-
369	Miscellaneous electrical equipment and supplies .....	1.6	-	3.7	-	3.2	-	2.6	-	.3	-
3694	Engine electrical equipment .....	4.4	-	3.4	-	3.9	-	2.4	-	.4	-
37	<b>TRANSPORTATION EQUIPMENT</b> .....	5.7	-	3.1	-	5.9	-	2.3	-	2.3	-
371	Motor vehicles and equipment .....	7.1	-	2.6	-	6.7	-	1.9	-	3.8	-
3711	Motor vehicles .....	9.0	-	2.8	-	8.3	-	1.6	-	5.7	-
3712	Passenger car bodies .....	10.0	-	.4	-	7.7	-	.7	-	6.1	-
3713	Truck and bus bodies .....	4.8	-	4.5	-	12.6	-	4.3	-	7.2	-
3714	Motor vehicle parts and accessories .....	5.3	-	2.2	-	4.0	-	1.6	-	1.3	-
372	Aircraft and parts .....	2.6	-	1.9	-	2.1	-	1.4	-	.5	-
3721	Aircraft .....	2.7	-	1.9	-	2.0	-	1.1	-	.3	-
3722	Aircraft engines and engine parts .....	1.6	-	1.0	-	2.1	-	.9	-	.6	-
3723,9	Other aircraft parts and equipment .....	3.7	-	3.1	-	4.2	-	2.6	-	.6	-
373	Ship and boat building and repairing .....	7.4	-	5.7	-	7.9	-	4.0	-	1.7	-
3731	Ship building and repairing .....	6.9	-	4.8	-	7.2	-	3.1	-	1.6	-
374	Railroad equipment .....	3.6	-	2.5	-	4.2	-	2.0	-	1.1	-
375,9	Other transportation equipment .....	7.8	-	7.2	-	12.1	-	6.7	-	3.1	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-2. Labor turnover rates, by industry—Continued**

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>	Aug. 1974	Sept. 1974 <sup>b</sup>
<b>DURABLE GOODS — Continued</b>											
<b>INSTRUMENTS AND RELATED PRODUCTS</b>											
38	Engineering and scientific instruments	3.7	3.5	3.0	3.0	4.6	4.2	3.1	2.6	0.4	0.6
381	Mechanical measuring and control devices	3.1	-	2.3	-	3.4	-	2.1	-	.2	-
382	Mechanical measuring devices	3.6	-	2.8	-	5.0	-	3.2	-	.4	-
3821	Automatic temperature controls	3.5	-	3.2	-	4.7	-	3.5	-	.1	-
3822	Optical and ophthalmic goods	3.7	-	2.3	-	5.5	-	2.7	-	1.0	-
383.5	Medical instruments and supplies	4.6	-	3.7	-	5.3	-	3.9	-	.5	-
384	Photographic equipment and supplies	4.5	-	4.1	-	5.9	-	4.7	-	.5	-
386	Watches, clocks, and watchcases	1.8	-	1.5	-	2.3	-	1.4	-	.2	-
387		8.0	-	6.1	-	8.6	-	4.8	-	1.1	-
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	Jewelry, silverware, and plated ware	7.3	6.9	5.9	5.5	7.7	7.0	5.1	4.4	1.2	1.3
391	Toys and sporting goods	6.3	-	5.1	-	5.3	-	4.0	-	.4	-
394	Games, toys, dolls and play vehicles	10.3	-	8.2	-	10.4	-	6.8	-	1.4	-
3941.3	Sporting and athletic goods, nec	13.1	-	10.2	-	11.8	-	7.8	-	1.3	-
3949	Pens, pencils, office and art supplies	6.9	-	5.8	-	8.8	-	5.7	-	1.6	-
395	Costume jewelry and notions	4.5	-	4.0	-	6.1	-	3.9	-	1.1	-
396	Other manufacturing industries	6.0	-	5.2	-	7.9	-	4.7	-	2.1	-
393.9		6.2	-	5.0	-	6.6	-	4.4	-	.9	-
<b>NONDURABLE GOODS</b>											
<b>FOOD AND KINDRED PRODUCTS</b>											
20	Meat products	10.3	9.2	8.1	7.2	8.3	9.7	5.7	5.7	1.7	3.0
201	Meat packing plants	8.5	-	6.8	-	9.7	-	7.7	-	1.0	-
2011	Poultry dressing plants	5.9	-	3.8	-	6.6	-	4.0	-	1.5	-
2015	Flour and other grain mill products	15.1	-	13.3	-	17.5	-	15.9	-	.4	-
204	Prepared feeds for animals and fowls	4.2	-	3.8	-	4.6	-	3.3	-	.4	-
2041	Bakery products	4.2	-	4.0	-	4.8	-	3.5	-	.5	-
2042	Bread, cake, and related products	4.7	-	4.2	-	5.0	-	3.8	-	.3	-
205	Cookies and crackers	4.4	-	4.0	-	5.3	-	3.9	-	.7	-
2051	Confectionery and related products	4.2	-	3.9	-	5.3	-	3.8	-	.8	-
2052	Confectionery products	5.5	-	4.3	-	5.2	-	4.1	-	.3	-
207	Beverages	10.0	-	5.3	-	6.5	-	4.6	-	1.0	-
2071	Malt liquors	10.3	-	5.9	-	7.3	-	5.1	-	1.3	-
208		6.2	-	5.2	-	8.1	-	5.1	-	1.9	-
2082		3.3	-	1.6	-	5.4	-	1.6	-	3.0	-
<b>TOBACCO MANUFACTURES</b>											
21	Cigarettes	7.8	7.4	5.7	6.0	6.0	4.5	3.2	3.2	1.6	.4
211	Cigars	1.6	-	1.1	-	3.6	-	1.6	-	1.0	-
212		8.9	-	6.4	-	6.9	-	5.7	-	.4	-
<b>TEXTILE MILL PRODUCTS</b>											
22	Weaving mills, cotton	6.7	5.7	5.3	4.6	8.2	7.4	6.0	4.7	.8	1.5
221	Weaving mills, synthetics	7.3	-	5.5	-	8.2	-	6.3	-	.2	-
222	Weaving and finishing mills, wool	7.1	-	6.0	-	8.5	-	6.5	-	.7	-
223	Narrow fabric mills	5.2	-	3.7	-	8.8	-	4.5	-	2.9	-
224	Knitting mills	6.2	-	4.6	-	7.4	-	5.1	-	1.2	-
225	Women's hosiery, except socks	6.5	-	5.1	-	8.0	-	5.9	-	.9	-
2251	Hosiery, nec	5.0	-	4.0	-	6.8	-	4.8	-	1.1	-
2252	Knit underwear mills	5.5	-	4.9	-	8.1	-	6.4	-	.6	-
2254	Textile finishing, except wool	5.1	-	4.3	-	8.0	-	6.5	-	.6	-
226	Floor covering mills	4.1	-	3.3	-	6.9	-	4.1	-	1.5	-
227	Yarn and thread mills	6.9	-	5.4	-	7.2	-	5.1	-	.7	-
228	Miscellaneous textile goods	7.8	-	6.5	-	10.0	-	7.6	-	1.0	-
229		6.1	-	4.7	-	7.6	-	5.0	-	1.0	-
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>											
23	Men's and boys' suits and coats	7.9	6.2	5.1	4.6	7.9	6.8	5.2	4.2	1.7	1.7
231	Men's and boys' furnishings	5.3	-	2.9	-	5.0	-	2.8	-	1.3	-
232	Men's and boys' shirts and nightwear	7.6	-	6.1	-	8.4	-	6.8	-	.7	-
2321	Men's and boys' separate trousers	7.6	-	6.1	-	8.8	-	7.3	-	.6	-
2327	Men's and boys' work clothing	6.4	-	5.1	-	8.1	-	5.9	-	1.4	-
2328	Women's and children's undergarments	8.4	-	7.0	-	8.9	-	7.5	-	.4	-
234	Women's and children's underwear	7.9	-	5.4	-	8.2	-	6.2	-	.7	-
2341	Corsets and allied garments	8.4	-	5.9	-	9.0	-	7.1	-	.6	-
2342		6.5	-	3.8	-	5.9	-	3.9	-	1.1	-
<b>PAPER AND ALLIED PRODUCTS</b>											
26	Paper and pulp mills	4.0	3.3	3.4	2.9	5.5	4.8	3.8	3.0	.6	.9
261,2,6	Paperboard mills	2.3	-	1.9	-	3.5	-	2.6	-	.2	-
263		2.8	-	2.5	-	4.0	-	2.8	-	.3	-

See footnotes at end of table.

## D-2. Labor turnover rates, by industry—Continued

!Per 100 employees!

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>	Aug. 1974	Sept. 1974 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>PAPER AND ALLIED PRODUCTS—Continued</b>										
264	Miscellaneous converted paper products .....	4.8	-	4.4	-	6.3	-	4.4	-	0.6	-
2643	Bags, except textile bags .....	5.7	-	5.0	-	6.0	-	4.4	-	.5	-
265	Paperboard containers and boxes .....	5.1	-	4.2	-	7.0	-	4.8	-	1.1	-
2651,2	Folding and setup paperboard boxes .....	6.5	-	5.1	-	6.9	-	4.9	-	.8	-
2653	Corrugated and solid fiber boxes .....	1.2	-	3.6	-	6.2	-	4.4	-	.7	-
27	<b>PRINTING AND PUBLISHING</b> .....	3.8	3.9	3.3	3.5	4.6	3.9	3.3	2.6	.6	0.6
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.6	2.5	2.2	2.2	3.5	2.8	2.3	1.6	.3	.4
281	Industrial chemicals .....	2.0	-	1.7	-	2.6	-	1.7	-	.1	-
282	Plastics materials and synthetics .....	2.3	-	1.9	-	3.0	-	2.1	-	.1	-
2821	Plastics materials and resins .....	2.2	-	2.0	-	4.0	-	2.8	-	.3	-
2823,4	Synthetic fibers .....	2.3	-	1.9	-	2.2	-	1.5	-	( <sup>1</sup> )	-
283	Drugs .....	1.8	-	1.5	-	3.1	-	2.2	-	.3	-
2834	Pharmaceutical preparations .....	1.8	-	1.6	-	3.2	-	2.2	-	.3	-
284	Soap, cleaners, and toilet goods .....	4.1	-	3.5	-	5.4	-	3.1	-	.9	-
2841	Soap and other detergents .....	2.4	-	2.1	-	3.8	-	2.1	-	1.0	-
2844	Toilet preparations .....	5.8	-	4.7	-	7.4	-	4.2	-	1.1	-
285	Paints and allied products .....	2.4	-	2.2	-	4.7	-	3.0	-	.7	-
286,9	Other chemical products .....	3.0	-	2.4	-	4.4	-	2.7	-	.5	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	2.5	2.5	2.1	2.2	3.7	2.9	2.0	1.6	.6	.5
291	Petroleum refining .....	1.4	-	1.2	-	2.8	-	1.2	-	.6	-
295,9	Other petroleum and coal products .....	6.3	-	5.2	-	6.8	-	4.6	-	.6	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	6.3	5.7	5.4	5.0	8.0	6.5	5.4	4.1	1.0	1.1
301	Tires and inner tubes .....	2.3	-	1.7	-	2.8	-	1.6	-	.2	-
302,3,6	Other rubber products .....	6.2	-	5.0	-	7.4	-	4.9	-	1.0	-
307	Miscellaneous plastics products .....	8.0	-	7.0	-	10.3	-	7.2	-	1.4	-
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.8	7.2	5.9	5.5	10.9	9.1	7.2	5.6	2.1	2.2
311	Leather tanning and finishing .....	7.8	-	6.3	-	9.6	-	6.5	-	1.5	-
314	Foot wear, except rubber .....	6.9	-	5.2	-	11.1	-	7.4	-	2.1	-
	<b>NONMANUFACTURING</b>										
10	<b>METAL MINING</b> .....	3.6	4.3	3.1	4.1	5.0	4.4	3.6	3.2	.4	.3
101	Iron ores .....	1.9	-	1.6	-	3.2	-	2.1	-	.1	-
102	Copper ores .....	3.1	-	2.5	-	4.8	-	3.3	-	.5	-
11,12	<b>COAL MINING</b> .....	1.8	2.1	1.5	1.9	1.8	1.7	1.2	1.1	.1	.1
12	Bituminous coal and lignite mining .....	1.8	-	1.5	-	1.8	-	1.2	-	( <sup>1</sup> )	-
481	<b>COMMUNICATION:</b> Telephone communication .....	.9	-	-	-	1.7	-	1.1	-	.3	-
482	Telegraph communication <sup>2</sup> .....	2.3	-	-	-	3.3	-	2.3	-	.4	-

<sup>1</sup> Less than 0.05.

p = preliminary.

<sup>2</sup> Data relate to all employees except messengers.

ESTABLISHMENT DATA  
SEASONALLY ADJUSTED LABOR TURNOVER

114

D-3. Labor turnover rates in manufacturing, 1963 to date, seasonally adjusted

Year	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Total accessions												
1963.....	3.8	3.9	3.6	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964.....	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.1	4.8	4.9
1966.....	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.3
1967.....	4.6	4.3	4.5	4.2	4.6	4.4	4.4	4.3	4.3	4.5	4.5	4.4
1968.....	4.5	4.6	4.5	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.8	4.9
1969.....	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.8	4.8	4.6	4.5	4.6
1970.....	4.3	4.3	4.1	4.0	4.1	4.1	4.1	4.0	3.9	3.9	3.7	3.8
1971.....	3.7	3.7	3.9	3.9	3.9	3.7	3.8	4.0	4.0	3.7	4.1	4.0
1972.....	4.4	4.4	4.4	4.3	4.6	4.9	4.3	4.5	4.4	4.6	4.5	4.5
1973.....	4.9	4.8	4.9	4.7	5.1	4.5	4.8	4.7	4.7	5.0	4.8	4.2
1974.....	4.5	4.3	4.4	4.8	4.9	4.1	4.5	4.1	4.0 <sup>D</sup>			
New hires												
1963.....	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964.....	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965.....	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.9	4.3	3.7	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967.....	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.4	3.4	3.3	3.5	3.5	3.3	3.5	3.4	3.6	3.6	3.6	3.7
1969.....	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.4	3.7	3.6	3.5	3.6
1970.....	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971.....	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.6	2.6	2.5	2.8	2.8
1972.....	3.0	3.0	3.1	3.2	3.6	3.9	3.2	3.5	3.5	3.5	3.6	3.5
1973.....	4.0	3.9	4.0	3.4	4.3	3.6	3.9	3.8	3.7	3.9	3.8	3.5
1974.....	3.6	3.4	3.4	3.6	3.9	3.1	3.5	3.2	3.0 <sup>D</sup>			
Total separations												
1963.....	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964.....	4.0	4.0	3.9	3.8	3.9	3.9	4.1	4.0	3.9	4.0	3.8	3.9
1965.....	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966.....	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967.....	4.7	4.8	5.1	4.6	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968.....	4.6	4.6	4.6	4.4	4.6	4.4	4.6	4.8	4.7	4.7	4.6	4.4
1969.....	4.7	4.8	4.9	4.8	5.0	5.0	4.8	4.9	5.0	5.0	4.8	4.8
1970.....	5.0	5.1	4.9	5.2	5.0	4.8	4.8	4.4	4.6	5.0	4.8	4.7
1971.....	4.4	4.2	4.1	4.2	4.0	4.1	4.3	4.3	4.1	4.0	4.1	4.3
1972.....	4.2	4.2	4.3	3.9	4.2	4.5	4.3	4.2	4.1	4.0	4.1	4.1
1973.....	4.4	4.4	4.7	4.4	4.7	4.7	4.5	5.1	4.4	4.6	4.6	4.5
1974.....	5.1	4.8	4.8	4.3	4.8	4.5	4.1	4.8	4.4 <sup>D</sup>			
Quits												
1963.....	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964.....	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965.....	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.5	2.5	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.4	2.4	2.6	2.5	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.6	2.5
1970.....	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	2.0	1.7	1.9
1971.....	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.9	1.8	1.8	1.9	1.9
1972.....	2.0	2.1	2.2	2.2	2.3	2.2	2.2	2.4	2.1	2.3	2.4	2.5
1973.....	2.6	2.7	2.9	2.6	2.8	2.9	2.8	3.0	2.4	2.8	2.8	2.5
1974.....	2.6	2.5	2.6	2.6	2.7	2.5	2.5	2.7	2.0 <sup>D</sup>			
Layoffs												
1963.....	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964.....	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965.....	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966.....	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.3	1.1	1.1	1.2	1.3
1967.....	1.4	1.4	1.7	1.5	1.4	1.4	1.4	1.5	1.3	1.3	1.2	1.2
1968.....	1.3	1.3	1.2	1.1	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.3
1970.....	1.5	1.7	1.8	1.9	1.9	1.9	1.7	1.8	1.8	2.2	2.0	1.7
1971.....	1.7	1.6	1.5	1.6	1.5	1.5	1.5	1.9	1.6	1.8	1.4	1.4
1972.....	1.3	1.2	1.2	1.1	1.0	1.4	1.2	1.6	1.9	1.9	1.9	1.0
1973.....	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.7	1.8	1.9	1.1
1974.....	1.5	1.3	1.2	1.0	1.0	1.0	1.0	1.2	1.4 <sup>D</sup>			

U.S. GOVERNMENT PRINTING OFFICE: 1974



ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

## D-4 Labor turnover rates in manufacturing for selected States and areas

1974-1975

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	July 1974	Aug. 1974 p	July 1974	Aug. 1974 p	July 1974	Aug. 1974 p	July 1974	Aug. 1974 p	July 1974	Aug. 1974 p	
<b>ALABAMA:</b>											
Birmingham	3.6	4.1	3.0	3.1	4.0	5.3	2.2	2.8	0.8	1.5	
Mobile	7.2	6.0	4.5	4.5	5.8	7.8	3.2	4.1	1.6	1.9	
<b>ALASKA</b>	24.6	13.8	22.8	12.7	13.1	24.0	8.1	12.5	3.7	9.8	
<b>ARIZONA</b>	5.3	4.4	4.6	3.7	5.1	6.2	3.0	2.8	1.9	1.0	
Phoenix	5.2	4.0	4.1	3.2	5.2	6.0	2.9	3.5	1.0	1.5	
<b>ARKANSAS</b>	8.5	9.0	7.5	8.0	8.2	11.3	6.2	8.7	1.7	1.2	
Fort Smith	10.6	11.7	9.3	10.5	11.2	13.1	3.8	11.0	1.7	1.7	
Little Rock, North Little Rock	7.3	9.6	7.0	8.8	8.1	11.7	5.4	8.6	1.6	1.7	
Pine Bluff	5.6	7.0	5.1	5.7	7.0	7.5	6.1	5.5	1.1	1.7	
<b>COLORADO</b>	5.5	5.1	4.9	4.5	4.4	6.0	3.2	4.5	1.2	1.7	
Denver	5.9	5.4	3.3	5.0	4.7	6.7	3.5	4.3	1.2	1.6	
<b>CONNECTICUT</b>	2.9	3.5	2.1	2.8	2.7	5.0	1.5	3.2	1.1	1.7	
Hartford	2.4	6.0	2.0	4.9	2.1	6.1	1.2	4.9	1.0	4.9	
<b>DELAWARE</b> <sup>1</sup>	4.8	12.8	2.4	2.5	7.3	8.5	1.4	2.3	5.1	5.5	
Wilmington <sup>1</sup>	4.8	12.4	2.3	2.1	7.2	8.1	1.1	1.9	5.2	5.3	
<b>DISTRICT OF COLUMBIA:</b>											
Washington SMSA	2.6	6.0	2.5	6.0	2.2	6.0	1.6	4.0	1.1	4.0	
<b>FLORIDA</b>	7.0	6.8	6.1	5.7	7.9	8.1	3.7	5.3	2.0	1.3	
Fort Lauderdale, Hollywood	7.2	7.0	6.6	6.3	7.8	7.7	5.1	5.2	1.2	1.6	
Jacksonville	6.7	6.8	6.0	3.8	7.4	8.5	4.5	3.7	2.0	2.1	
Miami	7.4	6.4	5.9	5.1	8.7	7.5	3.7	4.2	1.1	2.2	
Orlando	5.9	4.1	3.5	3.5	7.3	6.7	3.1	3.9	2.0	2.1	
Pensacola	1.2	3.5	4.2	3.3	3.1	4.6	2.8	3.7	1.1	1.3	
Tampa, St. Petersburg	7.3	8.1	6.6	6.6	8.5	10.4	5.5	6.3	1.9	2.7	
West Palm Beach, Boca Raton	3.3	3.6	3.0	3.1	2.8	5.1	2.1	3.2	1.1	1.9	
<b>GEORGIA</b>	6.0	6.0	5.1	6.0	5.9	6.0	3.3	6.0	1.1	1.1	
Atlanta	6.8	6.0	5.1	6.0	4.9	6.0	3.4	6.0	1.4	6.0	
<b>HAWAII</b>	2.5	2.9	2.2	2.1	2.1	3.2	1.5	1.9	1.2	1.7	
<b>IDAHO</b> <sup>1</sup>	6.3	7.7	6.0	7.3	5.0	8.8	3.5	6.2	1.2	1.6	
<b>ILLINOIS:</b>											
Chicago SMSA	3.8	6.0	3.2	6.0	3.7	6.0	2.2	6.0	1.5	6.0	
<b>INDIANA</b>	3.7	4.7	2.6	3.6	3.7	6.1	1.9	3.9	1.9	1.3	
Indianapolis <sup>1</sup>	2.6	3.1	2.0	2.5	2.5	7.5	1.4	2.3	1.2	3.8	
<b>IOWA</b>	4.6	5.3	3.9	4.7	4.2	6.4	2.9	5.0	1.6	1.5	
Cedar Rapids	1.9	4.2	3.9	4.0	3.6	3.5	1.5	2.6	1.5	1.2	
Des Moines	7.0	6.0	4.3	5.3	5.0	7.2	3.9	5.9	1.3	1.2	
<b>KANSAS</b>	6.6	7.7	5.7	6.7	6.5	8.0	3.7	5.9	1.6	1.8	
Topeka	2.7	3.1	2.6	2.5	4.0	7.4	1.4	2.7	1.8	2.4	
Wichita	8.2	9.2	7.0	7.3	5.4	6.3	3.8	5.1	1.1	1.1	
<b>KENTUCKY</b>	4.9	4.1	3.1	3.1	4.1	5.5	2.3	3.5	1.7	1.0	
Louisville	3.5	3.3	2.3	2.3	3.5	4.2	1.6	2.2	1.4	1.7	
<b>LOUISIANA:</b>											
New Orleans	4.6	3.7	3.3	3.2	4.3	6.2	2.6	3.6	1.5	1.3	
<b>MAINE</b>	6.4	7.8	5.1	6.2	6.2	8.4	4.0	5.7	1.2	1.2	
Portland	4.6	4.5	3.9	3.5	6.3	4.8	3.3	3.7	2.5	1.3	
<b>MARYLAND</b>	4.2	4.5	3.2	3.1	3.8	5.1	1.9	2.8	1.0	1.1	
Baltimore	3.7	4.1	2.9	2.7	3.4	4.8	1.7	2.5	1.9	1.2	
<b>MASSACHUSETTS</b>	5.1	4.7	3.1	3.5	5.1	6.2	2.3	4.0	2.0	1.0	
Boston	3.7	4.9	2.8	3.3	4.1	5.5	1.9	3.4	1.3	1.1	
<b>MICHIGAN</b>	4.1	5.3	2.5	2.9	5.8	5.3	1.4	2.3	3.2	1.8	
Detroit	3.6	4.7	2.3	2.9	5.6	4.8	1.4	2.0	3.1	1.5	

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

<sup>1</sup>Per 100 employees.

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1974	Aug. 1974 <sup>P</sup>	July 1974	Aug. 1974 <sup>P</sup>	July 1974	Aug. 1974 <sup>P</sup>	July 1974	Aug. 1974 <sup>P</sup>	July 1974	Aug. 1974 <sup>P</sup>
<b>MINNESOTA</b>	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>MISSISSIPPI:</b>										
Jackson	6.3	5.9	6.0	5.5	5.2	7.1	3.7	5.0	0.5	1.1
<b>MISSOURI</b>	4.7	5.4	3.9	4.5	4.5	6.9	2.8	4.7	.7	1.0
Kansas City	4.4	4.2	3.7	3.9	3.7	4.6	2.3	3.2	.4	.4
St. Louis	3.7	3.8	2.7	3.0	3.3	5.4	1.7	3.1	.6	1.1
<b>MONTANA</b>	5.4	3.8	4.4	3.4	3.5	6.6	2.5	3.5	.4	2.1
<b>NEBRASKA</b>	4.7	5.6	4.1	5.0	5.1	8.1	3.7	6.3	.7	.9
<b>NEVADA</b>	5.2	8.7	4.4	8.1	4.6	10.5	2.8	5.7	.8	3.3
<b>NEW HAMPSHIRE</b>	4.9	4.9	4.2	4.3	4.6	6.7	3.3	5.0	.5	.9
<b>NEW JERSEY:</b>										
Camden	4.4	6.9	3.0	4.3	5.5	5.2	1.8	3.0	2.7	1.0
Hackensack	3.9	6.3	3.3	4.7	6.0	6.2	2.1	4.1	2.8	1.0
Jersey City	3.9	6.7	2.7	3.5	6.0	4.7	1.4	2.3	3.6	1.3
Newark	3.9	3.9	2.6	2.7	5.4	5.1	1.5	3.0	2.9	.9
New Brunswick-Perth Amboy-Sayreville	4.5	4.9	3.3	2.9	5.1	7.0	1.5	3.3	2.2	2.2
Paterson-Clifton-Passaic	4.5	5.6	3.0	3.1	6.2	6.2	1.7	2.6	3.1	2.4
Trenton	3.2	3.8	2.1	2.4	3.7	4.6	1.6	2.7	1.3	.8
<b>NEW YORK</b>	4.8	5.7	2.8	3.2	5.6	5.4	1.6	2.8	3.2	1.6
Albany-Schenectady-Troy	3.2	4.1	2.1	2.3	3.2	3.8	1.0	2.1	1.3	.7
Binghamton	5.5	2.9	2.5	2.4	4.8	3.4	1.8	2.6	2.4	.1
Buffalo	3.2	5.4	2.1	1.7	5.8	4.5	1.0	2.0	4.1	1.7
Elmira	3.7	3.0	2.8	2.5	3.5	4.9	1.4	2.7	1.1	1.4
Monroe County <sup>7</sup>	2.9	2.6	2.2	2.2	2.3	3.1	1.2	2.2	.5	.2
Nassau-Suffolk <sup>8</sup>	4.7	5.7	3.5	4.0	5.0	5.7	2.1	3.7	2.1	.9
New York and Nassau-Suffolk	5.4	6.3	3.0	3.6	6.8	5.7	1.6	2.4	4.3	2.3
New York SMSA <sup>8</sup>	5.6	6.5	2.9	3.5	7.2	5.8	1.5	2.1	4.8	2.6
New York City <sup>9</sup>	5.8	6.2	3.0	3.5	7.7	5.8	1.5	2.0	5.3	2.8
Rochester	4.1	4.1	2.8	3.2	2.5	3.8	1.4	2.8	.5	.3
Syracuse	3.7	3.8	3.0	3.2	3.2	5.0	1.5	3.1	.7	.6
Utica-Rome	3.0	3.3	1.5	2.1	4.4	4.9	1.1	2.3	2.8	2.0
Westchester County <sup>9</sup>	3.5	9.8	2.7	3.5	3.5	4.8	1.3	2.5	1.2	1.3
<b>NORTH CAROLINA</b>	6.5	6.7	5.5	5.8	6.1	8.0	1.7	6.4	.4	.4
Charlotte-Gastonia	7.6	7.3	6.5	6.5	7.1	9.1	5.6	7.4	.3	.2
Greensboro-Winston-Salem-High Point	5.7	5.9	4.7	5.1	4.9	7.5	3.6	6.1	.3	.2
<b>NORTH DAKOTA</b>	8.5	8.6	5.9	6.8	7.8	7.3	3.9	6.0	3.2	.5
Fargo-Moorhead	7.2	7.5	6.1	6.5	6.3	7.0	5.3	5.9	(1 <sup>h</sup> )	(1 <sup>h</sup> )
<b>OHIO</b>	3.3	3.7	2.2	2.7	2.9	3.8	1.4	2.2	.6	.6
Akron	2.2	2.4	1.8	1.5	1.8	2.1	1.0	1.3	.1	.2
Canton	3.4	3.3	2.3	2.6	3.0	3.5	1.3	1.9	.4	.3
Cincinnati	3.2	2.9	2.2	2.4	3.2	3.8	1.4	2.3	.9	.5
Cleveland	3.2	3.6	2.4	2.7	3.3	3.7	1.6	2.3	.8	.4
Columbus	3.4	3.3	2.3	2.3	2.9	4.4	1.6	2.3	.5	1.1
Dayton	3.3	3.0	1.7	1.6	2.2	2.8	1.1	1.5	.2	.5
Toledo	4.8	4.0	2.2	2.6	3.9	3.7	1.3	1.5	.8	.9
Youngstown-Warren	3.0	2.8	1.2	1.2	1.9	2.8	.7	1.2	.2	.4
<b>OKLAHOMA</b>	6.8	7.6	6.1	7.0	6.5	9.1	4.8	6.6	.5	1.1
Oklahoma City	7.2	8.1	5.8	7.2	7.3	10.3	4.8	6.7	1.0	2.3
Tuls. <sup>11</sup>	6.4	8.0	5.9	7.4	5.8	7.7	4.2	5.9	.4	.3
<b>OREGON</b> <sup>1</sup>	5.5	5.6	4.6	4.8	5.2	6.9	2.8	3.9	1.2	1.8
Portland <sup>1</sup>	5.8	6.1	4.7	5.1	4.8	6.0	2.6	3.7	1.0	1.3
<b>PENNSYLVANIA:</b>										
Allentown-Bethlehem-Easton	6.6	5.6	2.2	2.8	9.1	5.4	1.4	3.4	6.8	1.3
Alltoona	3.1	3.9	1.8	2.4	3.3	5.9	1.6	3.2	1.3	2.4
Erie	5.1	5.4	3.7	4.1	4.9	6.8	2.2	4.5	1.4	.6
Harrisburg	6.3	4.6	2.9	3.2	4.5	4.6	1.8	3.0	1.9	.8
Johnstown	3.4	2.7	1.8	1.5	4.1	3.6	1.0	2.0	2.6	1.1
Lancaster	3.5	4.2	2.6	3.2	3.9	5.2	2.3	3.7	.8	.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**
**D-4. Labor turnover rates in manufacturing for selected States and areas—Continued**

Per 100 employees.

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1974	Aug. 1974 <sup>p</sup>	July 1974	Aug. 1974 <sup>p</sup>	July 1974	Aug. 1974 <sup>p</sup>	July 1974	Aug. 1974 <sup>p</sup>	July 1974	Aug. 1974 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	5.6	5.5	2.6	3.1	12.1	6.1	1.8	3.1	9.3	2.2
Philadelphia SMSA .....	3.7	4.3	2.6	3.0	4.1	4.8	1.5	2.9	1.8	1.9
Pittsburgh .....	3.0	2.9	1.6	1.6	2.9	3.6	1.7	2.1	1.5	1.5
Reading .....	5.4	8.7	3.3	3.9	7.5	5.5	2.5	4.2	4.2	1.6
Scranton .....	4.1	5.6	2.6	2.9	10.1	6.0	1.6	2.8	7.3	1.5
Wilkes-Barre-Scranton .....	6.6	5.4	2.2	3.1	13.2	5.7	1.9	2.9	10.6	3.1
Williamsport .....	4.4	3.6	1.6	2.6	7.3	3.8	1.1	2.7	5.7	1.2
York .....	6.7	6.2	3.7	4.0	7.5	7.7	2.9	5.6	5.6	1.4
<b>RHODE ISLAND</b>										
Providence-Warwick-Pawtucket .....	5.1	6.0	4.0	5.2	5.6	7.2	3.2	5.0	1.4	1.3
.....	5.3	6.1	4.1	5.3	5.6	7.4	3.2	5.3	1.6	1.2
<b>SOUTH CAROLINA:</b>										
Greenville-Spartanburg .....	9.4	8.1	7.0	7.4	8.5	9.7	5.4	7.3	1.8	1.7
<b>SOUTH DAKOTA</b>										
Sioux Falls .....	4.9	5.2	4.8	4.5	5.1	7.7	3.4	5.3	1.0	1.3
.....	3.0	3.0	2.9	2.9	5.9	6.8	2.5	3.0	2.9	3.2
<b>TENNESSEE:</b>										
Memphis .....	5.4	5.8	4.6	4.8	5.6	6.1	3.2	3.9	1.1	1.9
<b>TEXAS:</b>										
Dallas .....	5.0	6.5	4.6	6.1	5.3	7.1	3.9	5.4	1.2	1.4
Fort Worth .....	6.0	11.6	5.5	6.2	5.9	12.3	4.5	5.7	1.4	5.3
Houston .....	5.7	5.5	5.3	5.3	4.7	11.5	3.5	5.0	1.1	1.2
San Antonio .....	5.1	5.4	4.8	4.7	5.6	6.0	3.7	4.6	1.8	1.1
<b>UTAH</b>										
Salt Lake City-Ogden .....	5.7	5.8	4.7	5.1	4.3	6.0	3.1	4.4	1.4	1.5
.....	4.9	5.7	4.2	5.2	5.8	5.8	2.8	3.1	1.3	1.4
<b>VERMONT</b>										
Burlington .....	3.1	3.4	2.6	2.9	3.1	5.0	2.2	3.2	1.3	1.1
.....	1.7	1.4	1.1	1.1	1.0	2.7	1.6	2.3	1.2	1.2
Springfield .....	2.1	2.3	1.9	2.9	2.1	3.8	1.1	2.1	1.2	1.5
<b>VIRGINIA</b>										
Richmond .....	5.1	4.8	3.9	3.9	4.3	5.7	3.1	4.2	1.3	1.5
.....	4.9	3.7	3.2	3.1	3.9	3.7	1.9	2.3	1.0	1.1
<b>WASHINGTON:</b>										
Seattle-Everett .....	5.1	4.3	3.7	3.1	3.4	3.9	1.8	2.2	1.9	1.9
<b>WISCONSIN:</b>										
Milwaukee .....	5.4	6.1	4.2	5.2	4.1	7.5	2.1	5.2	1.1	1.3
.....	3.5	4.5	2.8	3.9	3.7	6.6	2.1	5.0	1.6	1.4
<b>WYOMING</b>										
.....	6.6	5.2	5.3	4.5	4.6	8.5	3.5	6.9	1.9	1.6

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.

<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.

<sup>4</sup> Excludes canning and preserving, and sugar.

<sup>5</sup> Excludes canning and preserving, and newspapers.

<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area; Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>8</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>10</sup> Less than 0.05.

<sup>11</sup> Excludes new-hire rate for transportation equipment.

<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area; Lackawanna County.

<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area; Luzerne County.

<sup>14</sup> Excludes canning and preserving, printing and publishing.

<sup>p</sup> Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

E-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	Oct. 1973	Sept. 1974	Oct. 1974	Change from <sup>1</sup>		Oct. 1973	Sept. 1974	Oct. 1974
				Oct. 1973	Sept. 1974			
<b>TOTAL<sup>2, 3</sup></b>	1,303.1	1,786.0	1,857.4	554.3	71.4	2.1	2.7	2.8
<b>SEASONALLY ADJUSTED</b>	1,625.1	2,204.6	2,333.0	707.9	128.4	2.6	3.4	3.6
Alabama	13.4	22.2	25.1	11.7	2.9	1.6	2.5	2.7
Alaska	4.0	3.2	3.1	-.9	0	6.0	4.4	4.3
Arizona	9.5	17.4	20.5	11.0	3.2	1.8	3.0	3.4
Arkansas	9.0	13.2	16.7	7.8	3.5	1.9	2.6	3.2
California	177.7	236.3	231.1	53.4	-5.2	2.9	3.7	3.6
Colorado	5.8	9.2	9.3	3.5	.1	1.0	1.2	1.2
Connecticut	29.6	41.7	41.9	12.4	.3	2.6	3.4	3.5
Delaware	3.3	4.1	4.1	.8	.1	1.6	1.9	1.9
District of Columbia	6.6	8.4	7.7	1.1	-.6	1.8	2.3	2.1
Florida	30.0	63.7	71.6	41.6	8.0	1.4	2.7	3.0
Georgia	14.8	30.2	31.3	16.5	1.1	1.1	2.1	2.1
Hawaii	10.8	10.9	10.6	-.2	-.2	4.3	3.6	3.5
Idaho	3.4	4.5	4.7	1.3	.3	1.8	2.2	2.3
Illinois	47.6	68.8	64.8	17.2	-3.9	1.3	1.8	1.7
Indiana	15.1	23.3	25.1	10.1	1.9	1.0	1.4	1.5
Iowa	6.1	6.6	6.7	.6	0	.8	.8	.8
Kansas	6.9	7.2	8.0	1.4	.7	1.2	1.2	1.4
Kentucky	11.6	18.3	18.2	6.6	-.2	1.5	2.2	2.2
Louisiana	20.2	28.7	25.6	5.4	-3.1	2.2	3.0	2.6
Maine	7.4	9.3	10.2	2.8	.8	2.7	3.3	3.6
Maryland	18.7	27.3	28.6	10.0	1.3	1.7	2.4	2.5
Massachusetts	72.2	87.7	88.4	16.2	.7	3.7	4.4	4.4
Michigan	60.4	111.6	115.7	55.2	4.1	2.3	4.0	4.1
Minnesota	18.9	21.8	22.9	4.0	1.0	1.7	1.8	1.9
Mississippi	4.6	7.3	9.6	5.1	2.3	.9	1.4	1.8
Missouri	27.5	30.5	37.1	9.6	.6	2.0	2.5	2.6
Montana	3.7	4.2	4.9	1.2	.6	2.4	2.7	2.9
Nebraska	4.6	6.6	6.5	1.8	-.1	1.2	1.6	1.5
Nevada	6.7	9.2	9.0	2.3	-.2	3.6	4.5	4.3
New Hampshire	2.7	5.6	5.7	3.0	.1	1.1	2.2	2.2
New Jersey	85.6	104.6	110.1	24.5	5.5	3.8	4.5	4.7
New Mexico	6.2	7.9	8.2	2.0	.3	2.6	3.2	3.3
New York	171.9	225.9	228.7	56.8	2.8	2.9	3.8	3.8
North Carolina	12.0	27.5	32.7	20.7	5.3	.7	1.6	1.9
North Dakota	1.3	1.1	1.1	-.2	0	1.0	.9	.9
Ohio	30.3	51.3	60.0	29.7	8.6	.9	1.5	1.7
Oklahoma	12.1	11.3	11.3	2.3	-.6	1.3	2.1	2.1
Oregon	19.5	24.0	30.0	10.6	6.1	3.0	3.6	4.3
Pennsylvania	93.3	121.0	129.3	36.0	8.3	2.5	3.1	3.3
Puerto Rico <sup>2</sup>	22.6	60.9	64.6	2.7	3.8	10.2	9.1	10.5
Rhode Island	11.6	13.8	15.3	3.7	1.5	3.7	4.3	4.7
South Carolina	8.7	18.0	21.6	12.9	3.6	1.2	2.2	2.7
South Dakota	1.1	1.3	1.4	.3	.1	.8	.9	1.0
Tennessee	15.7	26.7	29.9	14.2	3.2	1.3	2.1	2.3
Texas	30.3	32.7	36.0	5.7	3.3	.9	1.0	1.0
Utah	6.0	6.8	6.6	.6	-.3	2.0	2.2	2.0
Vermont	3.5	4.5	4.6	1.1	.2	2.8	3.4	3.5
Virginia	6.0	15.4	12.9	6.9	-2.6	.5	1.1	.9
Washington	45.5	47.1	46.1	.5	-1.1	5.1	5.0	4.9
West Virginia	8.9	10.2	10.1	1.2	-.1	2.0	2.3	2.2
Wisconsin	18.1	25.4	27.9	9.8	2.4	1.3	1.8	1.9
Wyoming	.6	.5	.6	0	.1	.7	.6	.6

1 Based on unrounded data; changes of less than .50 not shown.

3 Figures do not include claimants receiving benefits under extended benefit provisions.

2 Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.



# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

**Establishment Data (B, C, and D tables)**

**Unemployment Insurance Data (E tables)**

**Seasonal Adjustment**

# Introduction

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing about 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the three-fourths of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

## RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey

whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on levels and trends of the two series are as follows:

### Employment

*Coverage.* The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural establishments.

*Multiple jobholding.* The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

*Unpaid absences from jobs.* The household survey includes among the employed all persons who had jobs but were not at work during the survey week—that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing Employment Estimates from Household and Payroll Surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

### Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by

employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

## COMPARABILITY OF THE HOUSEHOLD DATA WITH OTHER SERIES

*Unemployment insurance data.* The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*. Reprints of this article may be obtained upon request.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than

once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

*County Business Patterns.* Data in County Business Patterns (CBP), published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

*Employment covered by State unemployment insurance programs.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, parochial schools, churches and most State and local government activities are not covered by unemployment insurance whereas these are included in BLS establishment statistics.

## Household data

(A tables)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Manpower Statistics from the Current Population Survey*, BLS Report 313. This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to

obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14 and 15 year olds. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.



Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year ago.

## CONCEPTS

*Employed persons* comprise (a) all those who during the survey week did any work at all as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy.

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

*The civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

*The unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the non-institutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

*Not in labor force* includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population.

Information on the detailed categories included in these groups is available upon request.

The class of worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

*Hours of work* statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Columbus Day holiday would be reported as working 32 hours even though he was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

The distribution of employment by hours worked relate to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

Persons who worked 35 hours or more in the survey week are designated as working "full time;" persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full time or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for noneconomic reasons and usually work full time.

*Full- and part-time labor force.* The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (part time for economic reasons), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

*Labor force time lost* is a measure of man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White and Negro and other races* are terms used to describe the color or race of workers. The Negro and other races

category, which in the past had been identified as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. Tables in this volume which contain these data utilize the word "color" to so indicate. The term "Negro" is used in tables when the relevant data are provided for Negroes exclusively.

*Spanish origin* refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American or other Spanish origin or descent. According to the 1970 Census, approximately 98 percent of their population is white.

*Major activity: going to school and major activity: other* are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

*Household head.* One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads, therefore, is equal to the number of households.

*Vietnam-era veterans* are those who served in the Armed Forces of the United States after August 4, 1964. Tables for veterans in this volume are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

*Nonveterans* are males who never served in the Armed Forces.

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific jobseeking activity within the past 4 weeks; an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and those who were looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, duration of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is

contained in "New Definitions of Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

### Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relative unaffected; (2) beginning 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and Negro and other races groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the Negro and other races population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the Negro and other races labor force rose by about 210,000. Unemployment levels and rates were not affected significantly.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of Negro and other races—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

### Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of

570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presentation, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupational classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot be made between 1972 and earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

### ESTIMATING METHODS

Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be

substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and color. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and color (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and color. The actual percent change over time in the population in any age group is preserved.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

### Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

### Reliability of the estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and methods.

The standard error of the estimate of a single characteristic for a given month is the amount of change which might occur by chance because only a sample of the population is surveyed. The standard errors are about 2 out of 100 of the population size, how the sample would differ from a complete census, or, in other words, the standard error. The changes are approximately 1 percent of the population size for each 100,000 persons.

The standard error of the estimate of a single characteristic for a major race, sex, or color group is generally less than the standard error for the total population. The standard error of change derived from the survey are

also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

**Table A. Average standard error of major employment status categories**

[In thousands]

Employment status and sex	Average standard error of -	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

**Table B. Standard error of level of monthly estimates**

[In thousands]

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10 .....	4	4	6	4	6	4
50 .....	9	9	11	9	11	9
100 .....	12	12	16	12	16	12
250 .....	20	17	25	17	25	17
500 .....	30	25	34	25	34	25
1,000 .....	40	35	50	35	50	35
2,500 .....	60	40	75	40	75	40
5,000 .....	85	45	90	45	90	45
10,000 .....	115	50	115	50	115	50
20,000 .....	150	55	125	55	125	55
30,000 .....	170	55	125	55	125	55
40,000 .....	180	55	125	55	125	55

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

*Illustration.* Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

**Table C. Standard error of estimates of month-to-month change**

[In thousands]

Standard error of monthly level	Standard error of month to month change
10	12
25	28
50	55
100	100
150	140
200	155
250	160
300	190

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors

**Table D. Standard error of percentage**

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3	

for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

**Table E. Standard error of percentage for major unemployment rates**

Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	.09	.11
Men, 20 years and over	.10	.12
Women, 20 years and over	.16	.19
Both sexes, 16-19 years	.50	.64
White workers	.09	.11
Negro (and other races) workers	.36	.45
Household heads	.09	.11
Married men	.09	.11
Full-time workers	.09	.11
Part-time workers	.32	.40
Unemployed 15 weeks and over	.04	.05
Labor force time lost	.10	.12
OCCUPATION		
White-collar workers	.11	.13
Professional and technical	.18	.22
Managers and administrators, except farm	.14	.18
Sales workers	.34	.42
Clerical workers	.21	.25
Blue-collar workers	.16	.20
Craft and kindred workers	.23	.28
Operatives	.24	.30
Nonfarm laborers	.52	.65
Service workers	.27	.34
Farm workers	.37	.45
INDUSTRY		
Nonagricultural private wage and salary workers	.11	.13
Construction	.52	.66
Manufacturing	.18	.22
Durable goods	.21	.26
Nondurable goods	.30	.37
Transportation and public utilities	.33	.40
Wholesale and retail trade	.24	.30
Finance and service industries	.20	.24
Government wage and salary workers	.18	.22
Agricultural wage and salary workers	.97	1.23

# Establishment data

## (B, C, and D tables)

### COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonagricultural establishments, by industry and geographic location.

#### Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or labor turnover reporting form, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the establishment data to the BLS for use in preparing the national series.

#### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and manhours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

### CONCEPTS

#### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

#### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid during the period.

#### Industry hours and earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working foreman and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working foremen, journeymen, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aids, teachers

draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, linemen, laborers, janitors, watchmen, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

**Payroll** covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

**Man-hours** cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

**Overtime hours** cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

#### **Gross average hourly and weekly earnings**

Average hourly earnings are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of

part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

#### **Average weekly hours**

The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### **Average overtime hours**

The overtime hours represent the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. If an employee worked on a paid holiday at regular rates, receiving as total compensation his holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month-to-month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

#### **Hours and earnings for total private nonagricultural industries**

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as the Bureau's *Employment and Wages, County Business Patterns* of the Bureau of the Census, and additional supporting information such as *The Hospital Guide, Part II*, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints are available upon request.

#### **Railroad hours and earnings**

The figures for class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are

obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

### **Spendable average weekly earnings**

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents, such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

### **Average hourly earnings excluding overtime**

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work and overtime rates other than time and one-half.

### **Indexes of aggregate weekly payrolls and man-hours**

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The man-hour aggregates are the product of average weekly hours and production-worker

or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

### **Labor turnover**

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

*Accessions* are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

*New hires* are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

*Other accessions*, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

*Separations* are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, are defined as follows:

*Quits* are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

*Layoffs* are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

*Other separations*, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

### **Relationship of labor turnover to employment series**

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the entire period.



## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current

month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F, Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

**Table F. Summary of methods for computing industry statistics on employment, hours, and labor turnover**

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all employee estimates for component cells
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production or nonsupervisory worker man hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production worker overtime man hours divided by number of production workers.	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings . . . . .	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker man hours.	Average, weighted by aggregate man hours, of the average hourly earnings for component cells.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate man hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours . . . . .	Annual total of aggregate overtime man hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings . . . . .	Annual total of aggregate payrolls (production or nonsupervisory worker employment multiplied by weekly earnings) divided by annual aggregate man hours.	Annual total of aggregate payrolls divided by annual aggregate man hours.
Gross average weekly earnings . . . . .	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates . . . . .	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

## Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1971 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, cover nearly nine-tenths of the total nonagricultural employment in the United States. Benchmarks data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made in the last 3 benchmark years is shown in table G.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1969-71**

Industry division	1969	1970	1971
Total .....	99.8	100.0	100.2
Mining .....	101.5	100.0	99.8
Contract construction .....	99.0	100.1	96.9
Manufacturing .....	99.8	100.1	100.4
Transportation and public utilities .....	100.4	99.9	100.9
Wholesale and retail trade .....	100.0	100.1	100.3
Finance, insurance, and real estate .....	100.0	100.3	100.2
Services .....	99.1	99.6	100.4
Government .....	100.1	100.3	100.0

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics, entitled *Employment and Earnings, United States*.

## THE SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table H shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary

**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1972<sup>1</sup>**

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total	155,400	29,228,000	41
Mining	2,200	309,000	51
Contract construction	16,000	691,000	22
Manufacturing	45,700	10,998,000	59
Transportation and public utilities:			
Railroad transportation (ICC)	96	536,000	94
Other transportation and public utilities	7,100	2,052,000	53
Wholesale and retail trade	38,500	2,881,000	19
Finance, insurance, and real estate	9,900	1,405,000	36
Services	23,000	2,495,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup>	3,100	2,656,000	100
State and local	9,800	5,205,000	48

<sup>1</sup> Since a few establishments do not report payroll and man hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

<sup>2</sup> National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,100 reports covering about 56 percent of employment in Federal establishments.

from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

**Table I. Approximate size and coverage of BLS labor turnover sample, March 1972**

Industry	Employees	
	Number reported	Percent of total
Total	10,279,890	52
Manufacturing	9,566,590	52
Metal mining	56,300	65
Coal mining	58,900	40
Communication:		
Telephone	580,500	60
Telegraph	17,600	66

**Reliability of the employment estimates**

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted

annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. Table J presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table J and for individual industries with the specified number of employees in table K. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

**Table J. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2		
Total private	.2	0.1	0.2
Mining	.7	.5	.5
Construction	1.1	.2	.3
Manufacturing	.3	.1	.1
Durable goods	.4	.1	.1
Nondurable goods	.3	.1	.1
Transportation and public utilities	.4	.7	.4
Trade	.2	.1	.2
Wholesale	.9	.2	.3
Retail	.2	.2	.2
Finance, insurance, and real estate	.3	.2	.4
Services	.5	.4	.8
Government <sup>3</sup>			

<sup>1</sup> Relative errors relate to March 1971 data.

<sup>2</sup> The average percent revision in employment for the 6 most recent benchmarks (1966-71).

<sup>3</sup> Estimates for government are based on a total count for Federal Government and samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates

$$(RMSE = \sqrt{(Standard\ Deviation)^2 + (Bias)^2}).$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table K.

**Table K. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root mean square error of employment estimates <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	1,900	0.9	1.5
100,000 .....	2,700	.7	1.1
200,000 .....	4,100	.5	.9
500,000 .....	9,600	.4	.8
1,000,000 .....	13,000	.3	.5
2,000,000 .....	16,800	.3	.5

<sup>1</sup> Assuming 12 month intervals between benchmark revisions.

For the two most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table L presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

**Table L. Errors of preliminary employment estimates**

Size of employment estimate	Root mean square error of	
	Monthly level	Month to month change
50,000 .....	500	500
100,000 .....	800	800
200,000 .....	1,600	1,500
500,000 .....	2,500	2,400
1,000,000 .....	4,000	3,800
2,000,000 .....	7,800	6,800
10,000,000 .....	33,000	32,000
Total nonagricultural employment .....	100,000	91,000
Mining .....	4,000	4,000
Contract construction .....	21,000	21,000
Manufacturing .....	41,000	34,000
Transportation and public utilities .....	12,000	10,000
Wholesale and retail trade .....	31,000	28,000
Finance, insurance, and real estate .....	7,000	7,000
Services .....	24,000	20,000
Government .....	37,000	32,000

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest data of availability of each series) in a summary volume published annually by the BLS.

## Unemployment insurance data (E tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid

family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed as a percent of

average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under

which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitation of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

## Seasonal adjustment

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment methods used for these series are an adaptation of the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns. A detailed description of the method is given in the two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted by the Census X-11 Method. For each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four age-sex groups (male and female workers, 16-19 years and 20 years and over) are separately adjusted for seasonal variation and then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment for all civilian workers is derived by dividing the figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the civilian labor force (the sum of 12 seasonally adjusted age-sex components). Other series, such as unemployment by duration or employment by major occupational groups, are independently adjusted.

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. Once each year (in January), these factors are revised in the light of the

previous years' experience. Revised seasonally adjusted series for major components of the labor force based on data through December 1973, plus a short description of the methodology, are published in the February 1974 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, the seasonally adjusted series on hours, hourly earnings, and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-durable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

The revised seasonally adjusted series for the establishment data reflect experience through March 1973. Seasonal factors to be used for current adjustment appear in the June 1973 *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods*, BLS Bulletin 1711.